CSS Navigation Bar

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- lastupdate : 2021-03-30

Horizontal Navigation Bars

가로 네비게이션 바를 만드는 방법에는 두 가지가 있습니다.
인라인(inline) 또는 플로팅(floating) 목록 항목 사용하는 것입니다.\

Inline List Items

가로 네비게이션 바를 만드는 한 가지 방법은 이전 페이지의 “ 표준 ” 코드 외에,또 요소를 인라인(inline)으로 지정하는 것입니다.



예제

ul { list-style-type: none; margin: 0; padding: 0; } li { display: inline; }

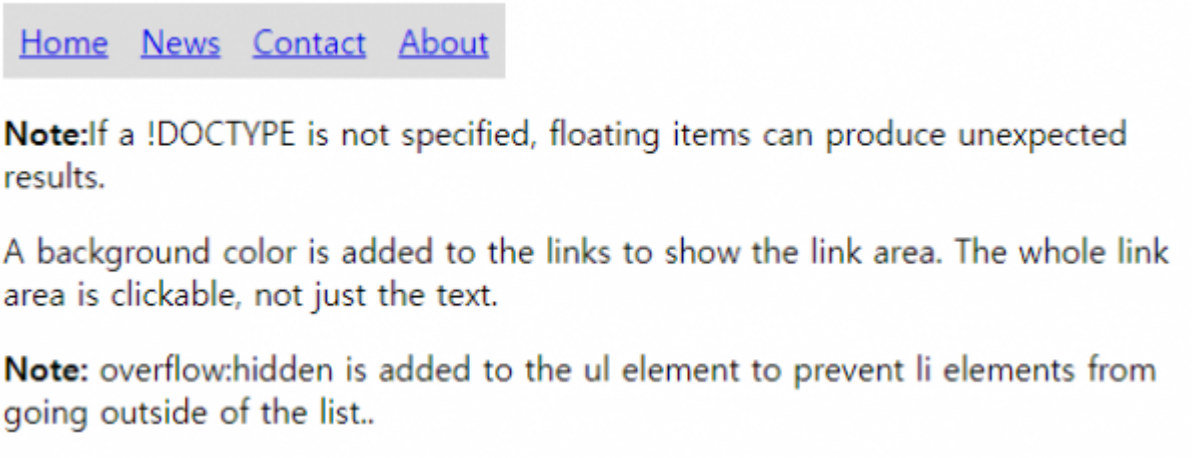
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예제 설명

- `display: inline;` - 기본적으로 <li> 요소는 블록 요소입니다. 여기서는, 각 목록 항목 앞뒤의 줄 바꿈을 제거하여 한 줄에 표시합니다.

Floating List Items

가로 네비게이션 바를 만드는 또 다른 방법은 <li> 요소를 플로팅하고, 네비게이션 링크의 레이아웃을 지정하는 것입니다.



예제

ul { list-style-type: none; margin: 0; padding: 0; overflow: hidden; } li { float: left; } li a { display: block; padding: 8px; background-color: #dddddd; }

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Note: If a !DOCTYPE is not specified, floating items can produce unexpected results.

A background color is added to the links to show the link area. The whole link area is clickable, not just the text.

Note: overflow:hidden is added to the ul element to prevent li elements from going outside of the list..

예제 설명

- `float: left;` - float를 사용하여 블럭 요소들을 서로 옆으로 배치되게 합니다.
- `display: block;` - 패딩(그리고 원하는 경우, 높이, 너비, 마진 등)을 지정할 수 있습니다.
- `padding: 8px;` - 블럭 요소는 사용 가능한 전체 너비를 차지하므로 나란히 float할 수 없습니다. 그래서 패딩을 지정하여 보기 좋게 만듭니다.
- `background-color: #dddddd;` - 각 요소에 회색의 배경색을 추가합니다.

Tip: 전체 너비의 배경색을 원하는 경우, 각 <a> 요소 대신 에 배경색을 추가합니다.

예제

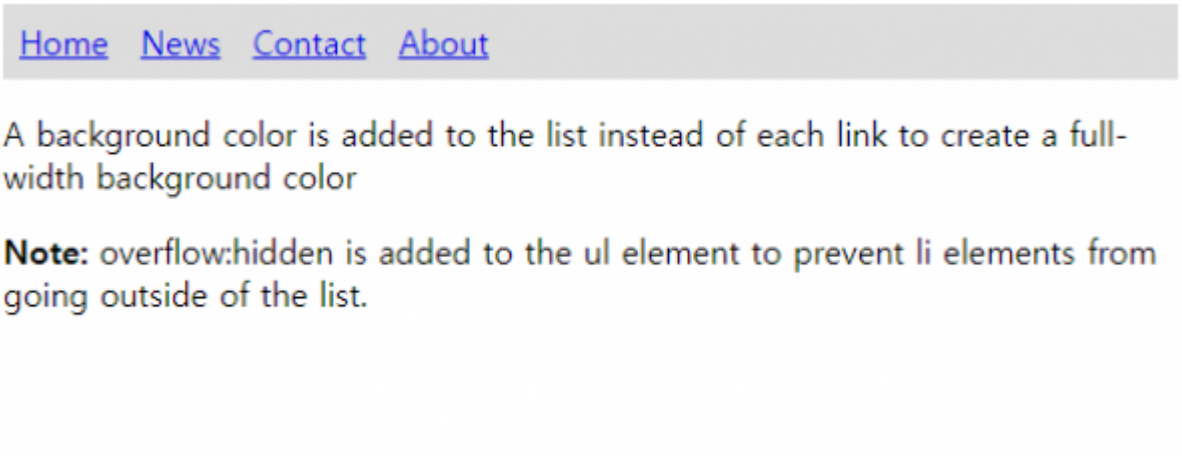
ul { list-style-type: none; margin: 0; padding: 0; overflow: hidden; background-color: #dddddd; } li { float: left; } li a { display: block; padding: 8px; }

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A background color is added to the list instead of each link to create a full-width background color

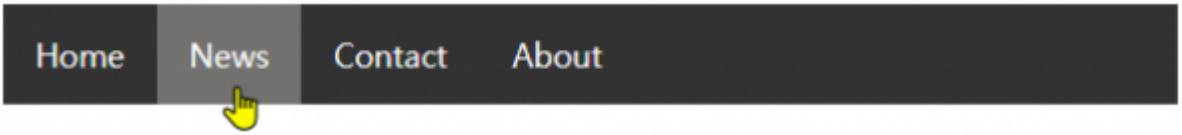
Note: overflow:hidden is added to the ul element to prevent li elements from going outside of the list.

Result



Horizontal Navigation Bar Example

어두운 배경색으로 기본 가로 네비게이션 바를 만들고, 사용자가 링크 위로 마우스를 이동할 때 링크의 배경색을 변경합니다.



예제

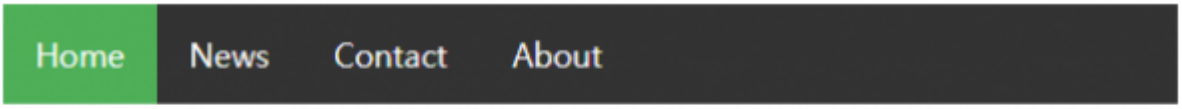
ul { list-style-type: none; margin: 0; padding: 0; overflow: hidden; background-color: #333; } li { float: left; } li a { display: block; color: white; text-align: center; padding: 14px 16px; text-decoration: none; } li a:hover { background-color: rgb(116, 113, 113); }

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Active/Current Navigation Link

현재 링크에 “active” 클래스를 추가하여, 사용자가 어느 페이지에 있는지 알 수 있습니다.



예제

ul { list-style-type: none; margin: 0; padding: 0; overflow: hidden; background-color: #333; } li { float: left; } li a { display: block; color: white; text-align: center; padding: 14px 16px; text-decoration: none; } li a:hover:not(.active) { background-color: rgb(116, 113, 113); } .active { background-color: #4caf50; }

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Right-Align Links

목록 항목(list items)을 오른쪽으로 플로팅하여, 링크를 오른쪽 정렬합니다 (`float : right;`):



예제

ul { list-style-type: none; margin: 0; padding: 0; overflow: hidden; background-color: #333; } li { float:

left; } li a { display: block; color: white; text-align: center; padding: 14px 16px; text-decoration: none; } li a:hover:not(.active) { background-color: rgb(116, 113, 113); } .active { background-color: #4caf50; }

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Border Dividers

링크 구분선(link dividers)을 만들려면 `border-right` 속성을 에 추가합니다:



예제

ul { list-style-type: none; margin: 0; padding: 0; overflow: hidden; background-color: #333; } li { float: left; border: 1px solid #bbb; } li:last-child { border-right: none; } li a { display: block; color: white; text-align: center; padding: 14px 16px; text-decoration: none; } li a:hover:not(.active) { background-color: rgb(116, 113, 113); } .active { background-color: #4caf50; }

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Fixed Navigation Bar

사용자가 페이지를 스크롤 하더라도, 내비게이션 바를 페이지 상단 또는 하단에 유지합니다.

예제

Fixed Top

body { margin: 0; } ul { list-style-type: none; margin: 0; padding: 0; overflow: hidden; background-color: #333; position: fixed; top: 0; width: 100%; } li { float: left; } li a { display: block; color: white; text-align: center; padding: 14px 16px; text-decoration: none; } li a:hover:not(.active) { background-

color: rgb(116, 113, 113); } .active { background-color: #4caf50; }

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Fixed Top Navigation Bar

Scroll this page to see the effect

The navigation bar will stat at the top of the page while scrolling

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예제

Fixed Bottom

body { margin: 0; } ul { list-style-type: none; margin: 0; padding: 0; overflow: hidden; background-color: #333; position: fixed; bottom: 0; width: 100%; } li { float: left; } li a { display: block; color: white; text-align: center; padding: 14px 16px; text-decoration: none; } li a:hover:not(.active) { background-color: rgb(116, 113, 113); } .active { background-color: #4caf50; }

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Fixed Top Navigation Bar

Scroll this page to see the effect

The navigation bar will stat at the top of the page while scrolling

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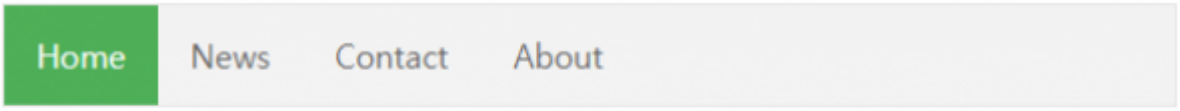
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Note:고정 위치(fixed position)는 모바일 장치에서 제대로 작동하지 않을 수 있습니다.

Gray Horizontal Navbar

얇은 회색 보더가 있는 회색 가로 네비게이션 바의 예제:



예제

ul { list-style-type: none; margin: 0; padding: 0; overflow: hidden; border: 1px solid #e7e7e7; background-color: #f3f3f3; } li { float: left; } li a { display: block; color: #666; text-align: center; padding: 14px 16px; text-decoration: none; } li a:hover:not(.active) { background-color: #ddd; } li a.active { color: white; background-color: #4caf50; }

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Sticky Navbar

sticky navbar를 만들려면 `position: sticky;`를 에 추가합니다.
sticky 요소는 스크롤 위치에 따라 relative 및 fixed 사이에서 전환됩니다.
주어진 오프셋 위치가 뷰포트에서 충족될 때까지, relative 배치된 다음 제자리에 “ 고정 ” 됩니다(position : fixed 처럼).

예제

body { font-size: 28px; } ul { list-style-type: none; margin: 0; padding: 0; overflow: hidden; background-color: #333; position: -webkit-sticky; /* Safari */ position: sticky; top: 0; } li { float: left; } li a { display: block; color: white; text-align: center; padding: 14px 16px; text-decoration: none; } li a:hover { background-color: #111; } .active { background-color: #4caf50; }

Scroll Down

Scroll down to see the sticky effect.

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sticky Navigation Bar Example

The navbar will **stick** to the top when you reach its scroll position.

Note: Internet Explorer do not support sticky positioning and Safari requires a -webkit- prefix.

Some text to enable scrolling. Lorem ipsum dolor sit amet, illum definitiones no quo, maluisset concludaturque et eum, altera fabulas ut quo. Atqui causae gloriatur ius te, id agam omnis evertitur eum. Affert laboramus repudiandae nec et. Inciderint efficiantur his ad. Eum no molestiae voluptatibus.

Some text to enable scrolling. Lorem ipsum dolor sit amet, illum definitiones no quo, maluisset concludaturque et eum, altera fabulas ut quo. Atqui causae gloriatur ius te, id agam omnis evertitur eum. Affert laboramus repudiandae nec et. Inciderint efficiantur his ad. Eum no molestiae voluptatibus.

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Note: Internet Explorer는 sticky positioning(고정 위치 지정)을 지원하지 않습니다.
Safari에는 -webkit- 접두사가 필요합니다 (위의 예 참조).
또한 sticky positioning(고정 위치 지정)이 작동하려면 `top`, `right`, `bottom` 또는`left` 중 하나 이상을 지정해야 합니다.

Responsive Topnav

예제

body {margin: 0;} ul.topnav { list-style-type: none; margin: 0; padding: 0; overflow: hidden; background-color: #333; } ul.topnav li {float: left;} ul.topnav li a { color: white; display: block; text-align: center; padding: 14px 16px; text-decoration: none; } ul.topnav li a:hover:not(.active) {background-color: #111;} ul.topnav li a.active {background-color: #4caf50;} ul.topnav li.right {float: right;} @media screen and (max-width: 600px) { ul.topnav li.right, ul.topnav li {float: none;} }

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Responsive Topnav Example

This example use media queries to stack the topnav vertically when the screen size is 600px or less.

You will learn more about media queries and responsive web design later in out CSS Tutorial.

Resize the browser window to see the effect.

Responsive Sidenav

예제

body {margin: 0;} ul.sidenav { list-style-type: none; margin: 0; padding: 0; width: 25%; background-color: #f1f1f1; position: fixed; height: 100%; overflow: auto; } ul.sidenav li a { display: block; color: #000; padding: 8px 16px; text-decoration: none; } ul.sidenav li a.active { background-color: #4caf50; color: white; } ul.sidenav li a:hover:not(.active) { background-color: #555; color: white; } div.content { margin-left: 25%; padding: 1px 16px; height: 1000px; } @media screen and (max-width: 900px) { ul.sidenav { width: 100%; height: auto; position: relative; } ul.sidenav li a { float: left; padding: 15px; } div.content { margin-left: 0; } } @media screen and (max-width: 400px) { ul.sidenav li a { text-align: center; float: none; } }

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Responsive Sidenav Example

This example use media queries to transform the sidenav to a top navigation bar when the screen size is 900px or less.

We have also added a media query for screens that are 400px or less, which will vertically stack and center the navigation links.

You will learn more about media queries and responsive web design later in our css Tutorial.

Resize the browser window to see the effect.

Dropdown Navbar

네비게이션 바 내부에 드롭다운 메뉴를 추가하는 방법.

예제

오션, CSS, Horizontal, Navbar

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