CSS Float Examples

- description : CSS Float Examples
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Source of the article

- CSS Layout - Float Examples

Grid of Boxes / Equal Width Boxes

float   .

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Grid of Boxes</title>
    <style>
        * {
            box-sizing: border-box;
        }

        .box {
            float: left;
            width: 33.33%;   /* 3        , 4        25%, 2        50% */
            padding: 50px;
        }
    }
```

```
        .clearfix::after {
            content: "";
            clear: both;
            display: table;
        }
    </style>
</head>

<body>

    <h2>Grid of Boxes</h2>
    <p>Float boxes side by side:</p>

    <div class="clearfix">
        <div class="box" style="background-color:#bbb">
            <p>Some text inside the box.</p>
        </div>
        <div class="box" style="background-color:#ccc">
            <p>Some text inside the box.</p>
        </div>
        <div class="box" style="background-color:#ddd">
            <p>Some text inside the box.</p>
        </div>
    </div>

    <p>
        Note that w also us the clearfix hack to take care of the layout
flow, and that add the box-sizing property to make sure that the box doesn't
break due to extra padding. Try to remove this
        code to see the effect.
    </p>

</body>

</html>
```

3   .
(,   )   ,   .

"box-sizing"   (   )

   ,   .

Images Side By Side

.

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Images Side By Side</title>
    <style>
        * {
            box-sizing: border-box;
        }

        .img-container {
            width: 33.33%;
            padding: 5px;
            float: left;
        }

        .clearfix::after {
            content: "";
            clear: both;
            display: table;
            /* p                  */
        }
    </style>
</head>

<body>

    <h2>Images Side by Side</h2>
    <p>Float images side by side</p>

    <div class="clearfix">
        <div class="img-container">
            <img src="img_5terre.jpg" alt="Italy" style="width:100%">
        </div>
        <div class="img-container">
            <img src="img_forest.jpg" alt="Forest" style="width:100%">
        </div>
        <div class="img-container">
            <img src="img_mountains.jpg" alt="Mountains" style="width:100%">
        </div>
```

```
    </div>

    <p>
        Note that we also use the clearfix hack to take care of the layout
flow, and that we add the box-sizing property to make sure that the image
container doesn't break due to extra padding. Try
        to remove this code to see the effect.
    </p>

</body>

</html>
```

Equal Height Boxes

, quick fix

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Equal Height Boxes</title>
    <style>
        * {
            box-sizing: border-box;
        }

        .box {
            float: left;
            width: 50%;
            padding: 50px;
            height: 300px;
        }

        .clearfix::after {
            content: "";
            clear: both;
```

```
            display: table;
        }
    </style>
</head>

<body>

    <h2>Equal Height Boxes</h2>
    <p>Floating boxes with equal heights</p>

    <div class="clearfix">
        <div class="box" style="background-color:#bbb">
            <h2>Box01</h2>
            <p>Some content, some content, some content</p>
        </div>
        <div class="box" style="background-color:#ccc">
            <h2>Box02</h2>
            <p>Some content, some content, some content</p>
            <p>Some content, some content, some content</p>
            <p>Some content, some content, some content</p>
        </div>
    </div>

    <P>
        This example is not very flexible. It is ok to use CSS height if you
can guarantee that the boxes will always have the same amount of content in
them, but that's not always the case. If you
        try the example above on a mobile phone (or resize the browser
window), you will see that the second box's content will be displayed
outside of the box.
    </P>
    <p>
        Go back to the tutorial and find another solution, if this is not
what you want.
    </p>
</body>

</html>
```

CSS3 Flexbox

```
<!DOCTYPE html>
<html lang="en">
```

```html
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Flexible Boxes</title>
    <style>
        .flex-container {
            display: flex;
            flex-wrap: nowrap;
            background-color: dodgerblue;
        }

        .flex-container .box {
            background-color: #f1f1f1;
            width: 50%;
            margin: 10px;
            text-align: center;
            line-height: 75px;
            font-size: 30px;
        }
    </style>
</head>

<body>

    <div class="flex-container">
        <div class="box">
            Box 01 - This is some text to make sure that the content gets
really tall. This is some text to make sur that the content gets really
tall.
        </div>
        <div class="box">
            Box 02 - My height will follow Box 01.
        </div>
    </div>

    <p>Try to resize the browser window to see the flexible layout.</p>
    <p>
        <strong>Note:</strong>Flexbox is not supported in Internet Explorer
10 or earlier versions.
    </p>

</body>

</html>
```

Navigation Menu

float .

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Navigation menu with float property</title>
    <style>
        ul {
            list-style-type: none;
            margin: 0;
            padding: 0;
            overflow: hidden;
            background-color: #333;
        }

        li {
            float: left;
        }

        li a {
            display: inline-block;
            color: yellow;
            text-align: center;
            padding: 14px 16px;
            text-decoration: none;
        }

        li a:hover {
            background-color: red;
        }

        .active {
            background-color: blue;
        }
    </style>
</head>

<body>
    <ul>
        <li><a href="#home" class="active">Home</a></li>
        <li><a href="#news">News</a></li>
```

```
        <li><a href="#contact">Contact</a></li>
        <li><a href="#about">About</a></li>
    </ul>
</body>

</html>
```

Web Layout Example

float   .

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Web page Layout using float property</title>
    <style>
        * {
            box-sizing: border-box;
        }

        .header,
        .footer {
            background-color: grey;
            color: white;
            padding: 15px;
        }

        .column {
            padding: 15px;
            float: left;
        }

        .clearfix::after {
            content: "";
            clear: both;
            display: table;
        }
```

```css
        .menu {
            width: 25%;
        }

        .content {
            width: 75%;
        }

        .menu ul {
            list-style-type: none;
            margin: 0;
            padding: 0;
        }

        .menu li {
            padding: 8px;
            margin-bottom: 8px;
            background-color: #33b5e5;
            color: #ffffff;
        }

        .menu li:hover {
            background-color: #0099cc;
        }
    </style>
</head>

<body>

    <div class="header">
        <h1>Chania</h1>
    </div>

    <div class="clearfix">
        <div class="column menu">
            <ul>
                <li>The Flight</li>
                <li>The City</li>
                <li>The Island</li>
                <li>The Food</li>
            </ul>
        </div>

        <div class="column content">
            <h1>The City</h1>
            <p>
                Chania is the capital of the Chania region on the island of
Crete. The city can be divided in two parts, the old town and the modern
city.
            </p>
```

```
            <p>
                You will lern more about web layout an responsive web pages
in a later chapter.
            </p>
        </div>

    </div>
    <div class="footer">
        <p>Footer Text</p>
    </div>
</body>

</html>
```

All CSS Float Properties

Property	Description
box-sizing	.
clear	
float	
overflow	
overflow-x	/
overflow-y	/

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