CSS Layout - clear and clearfix

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The clear Property

When we use the `float` property, and we want the next element below (not on right or left), we will have to use the `clear` property.

The `clear` property specifies what should happen with the element that is next to a floating element.

The `clear` property can have one of the following values:

- `none` - The element is not pushed below left or right floated elements. This is default
- `left` - The element is pushed below left floated elements
- `right` - The element is pushed below right floated elements
- `both` - The element is pushed below both left and right floated elements
- `inherit` - The element inherits the clear value from its parent

When clearing floats, you should match the clear to the float: If an element is floated to the left, then you should clear to the left. Your floated element will continue to float, but the cleared element will appear below it on the web page.

Example

This example clears the float to the left. Here, it means that the <div2> element is pushed below the left floated <div1> element:

```
div1 {
    float: left;
}

div2 {
    clear: left;
}
```

[Try it Yourself »]

The clearfix Hack

If a floated element is taller than the containing element, it will "overflow" outside of its container. We can then add a clearfix hack to solve this problem:

Without Clearfix

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus imperdiet, nulla et dictum interdum...

With Clearfix

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus imperdiet, nulla et dictum interdum...

Example

```
.clearfix {
    overflow: auto;
}
```

[Try it Yourself »]

The `overflow: auto` clearfix works well as long as you are able to keep control of your margins and padding (else you might see scrollbars). The **new, modern clearfix hack** however, is safer to use, and the following code is used for most webpages:

Example

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

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