

## 3-3. box-sizing과 hex, rgb

Made by 김태현

# Contents

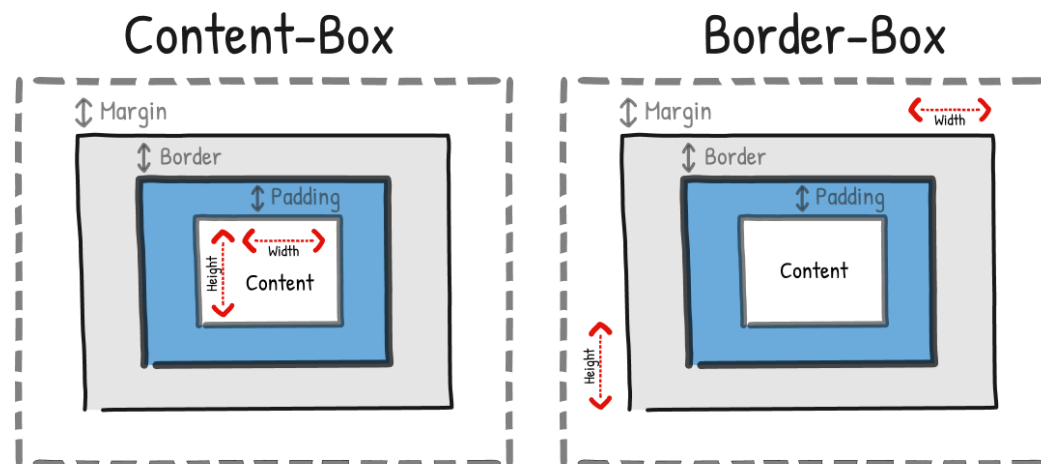
1 Box-sizing: Margin, padding, border, contents

2 content-box와 border-box, Asterisk

3 hex color와 rgb

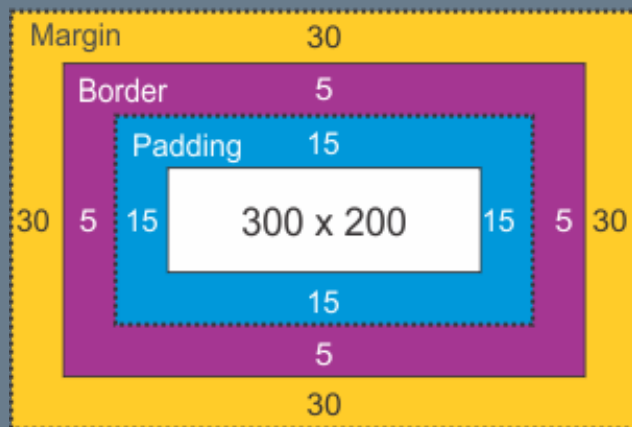
# CSS 기반 웹문서의 Box-sizing Model

## How CSS Does 'Box Sizing'



There are TWO ways to measure an element's total 'box size' in CSS

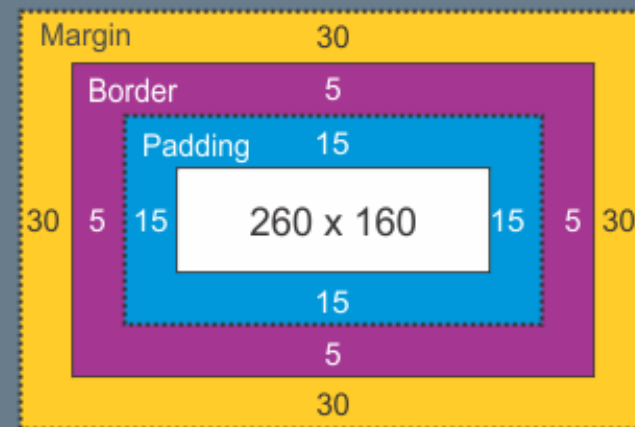
### Box Model is content-box



```
div{
  width: 300px;
  height: 200px;
  padding: 15px;
  border: 5px solid grey;
  margin: 30px;
  -moz-box-sizing: content-box;
  -webkit-box-sizing: content-box;
  box-sizing: content-box;
}
```

선두께 모양 선택갈

### Box Model is border-box



```
div{
  width: 300px;
  height: 200px;
  padding: 15px;
  border: 5px solid grey;
  margin: 30px;
  -moz-box-sizing: border-box;
  -webkit-box-sizing: border-box;
  box-sizing: border-box;
}
```

```
<div class="border-styles">
  <p style="border-style: solid">solid</p>
  <p style="border-style: dotted">dotted</p>
  <p style="border-style: dashed">dashed</p>
  <p style="border-style: double">double</p>
  <p style="border-style: groove">groove</p>
  <p style="border-style: ridge">ridge</p>
  <p style="border-style: inset">inset</p>
  <p style="border-style: outset">outset</p>
</div>
```

출력 결과

solid
dotted
dashed
double
groove
ridge
inset
outset

# Asterisk(\*)의 활용

```
box-sizing: content-box;
```

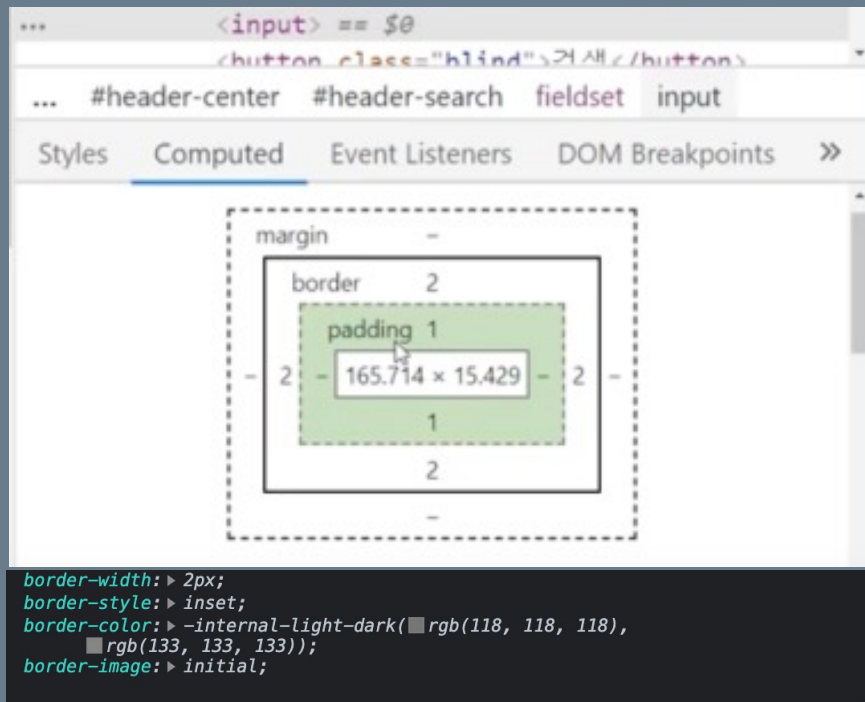
Default

```
* {  
  box-sizing: border-box;  
}
```



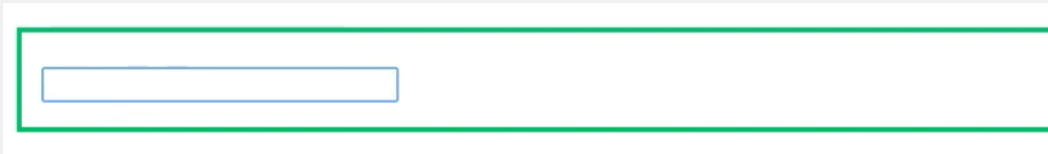
Asterisk(\*)에 css 설정을 적용시키면  
전체 태그에 적용된다.

# CSS Reset



브라우저마다 다르게 적용되므로  
없애주는 게 좋다!

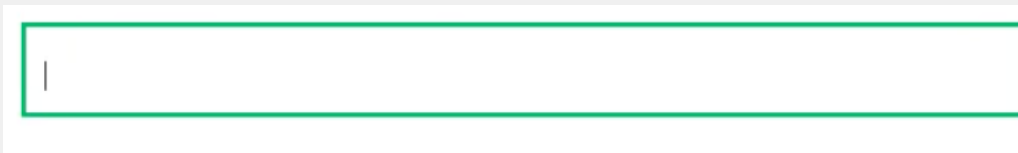
input 태그에 기본적으로 적용되어 있는 css



border, padding, outline 없애기



```
#header-search fieldset input {  
  border: none;  
  padding: 0;  
  outline: none;  
}
```





# hex color와 rgb

hex color

```
border: 2px solid #4287f5;
```

rgb

```
border: 2px solid rgb(66, 135, 245);
```

Google

hex color



All

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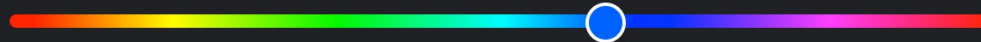
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About 1,780,000,000 results (0.45 seconds)

Colour picker



HEX  
4287f5



RGB  
66, 135, 245

CMYK  
73%, 45%, 0%, 4%

HSV  
217°, 73%, 96%

HSL  
217°, 90%, 61%

형제 태그끼리 정렬이 다를 때



```
#header-search fieldset {  
  margin-left: 20px;  
  /*padding-top: 12px;*/  
  /*padding-bottom: 12px;*/  
  /*padding-left: 10px;*/  
  /*padding-right: 0;*/  
  padding: 12px 0 12px 10px;  
  width: 521px;  
  height: 49px;  
  display: inline-block;  
  border: 2px solid #03cf5d; /* hex */  
  vertical-align: middle;  
  position: relative;  
}
```

```
#header-search h1 {  
  width: 198px;  
  height: 48px;  
  display: inline-block;  
  /*background-image: url(./sp_search.png);*/  
  /*background-position: -4px -10px;*/  
  /*background-repeat: no-repeat;*/  
  background: url(./sp_search.png) -4px -4px no-repeat;  
  vertical-align: middle;  
  position: relative;  
  top: -6px;  
}
```

vertical-align을 동일하게 설정!

단, vertical-align은 display가 inline 혹은 inline-block 이어야만 적용된다