

Converting Colors

RGB(66, 0, 218)

Have a look what the booklet for
RGB(66, 0, 218) contains.

RGB(66, 0, 218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(66, 0, 218)

Conversions

Conversions Part 1

Format	Color
Hex	4200DA
RGB	66, 0, 218
RGB Percent	26%, 0%, 85%
CMY	0.7412, 1.0000, 0.1451
CMYK	0.70, 1.00, 0.00, 0.15
HSL	258°, 100%, 43%
HSV	258°, 100%, 85%
XYZ	14.9017, 6.2202, 66.7449
YIQ	44.5860, -30.6420, 81.7900

Conversions

Conversions Part 2

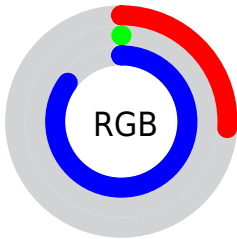
Format	Color
R_{YB}	66, 0, 218
Decimal	4325594
CIE Lab	29.96, 71.50, -90.65
CIE LCh	30, 115.456, 308.264
Yxy	6.2202, 0.1696, 0.0708
Android (android.graphics.Color)	4282515674 (0xFF4200DA)
YUV	44.5860, 85.4931, 18.7801
Hunter-Lab	24.9403, 63.0067, -141.2126

Details

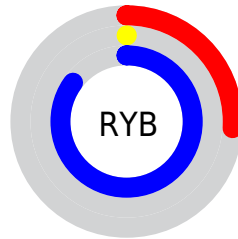
The RGB color **66, 0, 218** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **152, 218, 0**, and the grayscale version is **44, 44, 44**.

A 20% lighter version of the original color is **136, 70, 255**, and **0, 0, 161** is the 20% darker color. If you saturate the color by 10%, you get **66, 0, 218**, and if you desaturate by 10%, it is **81, 22, 218**.

Distribution



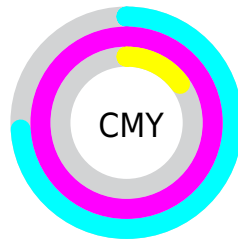
- Red (26%)
- Green (0%)
- Blue (85%)



- Red (26%)
- Yellow (0%)
- Blue (85%)



- Cyan (70%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)






















- Cyan (74%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 66, 0, 218 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 66, 0, 218 by changing the saturation by 10% instead.

 66, 0, 218	 66, 0, 218
 255, 255, 255	 0, 0, 189
 136, 70, 255	 0, 0, 161
 168, 97, 255	 0, 0, 134
 200, 125, 255	 0, 0, 107
 232, 152, 255	 0, 11, 82
 255, 180, 255	 0, 5, 58
 255, 209, 255	 0, 2, 35
 255, 238, 255	 0, 0, 11
	 0, 0, 0

■ 66, 0, 218

■ 81, 22, 218

■ 96, 44, 218

■ 112, 65, 218

■ 127, 87, 218

■ 142, 109, 218

■ 157, 131, 218

■ 172, 153, 218

■ 188, 174, 218

■ 203, 196, 218

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0, 82, 255



66, 0, 218



185, 0, 140

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66, 0, 218



137, 31, 0



0, 96, 95

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66, 0, 218



152, 218, 0

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 94, 0



66, 0, 218



64, 76, 0

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66, 0, 218



187, 0, 0



0, 90, 0



0, 100, 184

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66, 0, 218



207, 0, 81



0, 90, 0



0, 96, 63

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66, 0, 218



202, 179, 255



0, 153, 218



95, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 0, 218



77, 0, 255



174, 0, 218



102, 99, 110



52, 0, 173



14, 0, 46

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



218, 0, 152



255, 0, 178



44, 218, 0



110, 99, 106



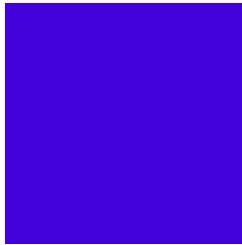
173, 0, 121



46, 0, 32

Previews

White Background



This preview shows how the RGB color 66, 0, 218 looks on a white background.

Color Contrast Check

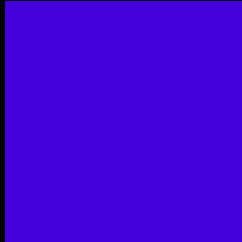
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the RGB color 66, 0, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

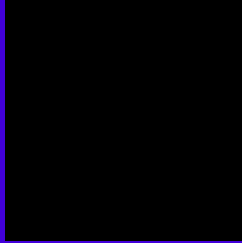
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 66, 0, 218 Background



This preview shows how black text looks on a background with the RGB color 66, 0, 218.



This preview shows how white text looks on a background with the RGB color 66, 0, 218.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


66, 0, 218

Protanopia

0, 70, 146

Deuteranopia

0, 75, 124



Tritanopia
0, 80, 85

Trichromacy



Original Color
66, 0, 218

Protanomaly
24, 45, 172

Deuteranomaly
24, 48, 158

Tritanomaly
24, 51, 133

Monochromacy



Original Color
66, 0, 218

Achromatopsia
45, 45, 45

Achromatomaly
53, 29, 108

CSS Examples

Text

The CSS property to change the color of the text to RGB 66, 0, 218 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(66, 0, 218)` looks like.

```
.text, #text, p{  
    color:rgb(66, 0, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(66, 0, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 0, 218) }
```

Border

The CSS property to change the border of an element to RGB 66, 0, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(66, 0, 218) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(66, 0, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(66, 0, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 0, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 0, 218);  
box-shadow:4px 4px 4px 4px rgb(66, 0, 218)  
}
```

Background

The CSS property to change the background color of an element to RGB 66, 0, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 0, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(66, 0,  
218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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