

Converting Colors

RGB(66, 108, 206)

Have a look what the booklet for
RGB(66, 108, 206) contains.

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Color

RGB(66, 108, 206)

Conversions

Conversions Part 1

Format	Color
Hex	426CCE
RGB	66, 108, 206
RGB Percent	26%, 42%, 81%
CMY	0.7412, 0.5765, 0.1922
CMYK	0.68, 0.48, 0.00, 0.19
HSL	222°, 59%, 53%
HSV	222°, 68%, 81%
XYZ	18.7499, 16.3396, 60.5582
YIQ	106.6140, -56.4900, 21.5740

Conversions

Conversions Part 2

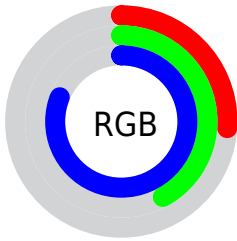
Format	Color
R _Y B	66, 98, 206
Decimal	4353230
CIE Lab	47.42, 17.72, -55.14
CIE LCh	47, 57.912, 287.813
Yxy	16.3396, 0.1960, 0.1708
Android (android.graphics.Color)	4282543310 (0xFF426CCE)
YUV	106.6140, 48.9973, -35.6185
Hunter-Lab	40.4223, 12.0584, -60.5290

Details

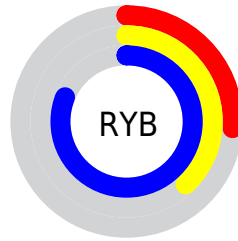
The RGB color **66, 108, 206** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **206, 164, 66**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **128, 159, 255**, and **0, 62, 151** is the 20% darker color. If you saturate the color by 10%, you get **45, 94, 206**, and if you desaturate by 10%, it is **87, 122, 206**.

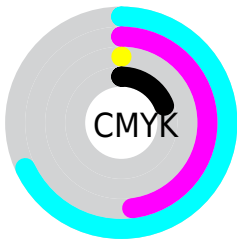
Distribution



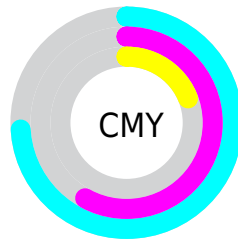
- Red (26%)
- Green (42%)
- Blue (81%)



- Red (26%)
- Yellow (38%)
- Blue (81%)



- Cyan (68%)
- Magenta (48%)
- Yellow (0%)
- Black (19%)



















- Cyan (74%)
- Magenta (58%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 66, 108, 206 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, 108, 206 by changing the saturation by 10% instead.

 66, 108, 206	 66, 108, 206
 255, 255, 255	 24, 84, 178
 128, 159, 255	 0, 62, 151
 158, 186, 255	 0, 41, 124
 188, 213, 255	 0, 22, 99
 218, 242, 255	 0, 4, 74
 248, 255, 255	 0, 4, 51
	 0, 2, 29
	 0, 0, 0

 66, 108, 206  66, 108, 206

■ 45, 94, 206

■ 87, 122, 206

■ 25, 79, 206

■ 107, 137, 206

■ 4, 65, 206

■ 128, 151, 206

■ 0, 62, 206

■ 148, 166, 206

■ 169, 180, 206

■ 190, 195, 206

■ 210, 209, 206

■ 231, 223, 206

■ 251, 238, 206

Harmonies

Analogous

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



0, 124, 208



66, 108, 206



151, 85, 179

Triad

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



66, 108, 206



184, 82, 41



0, 134, 90

Complementary

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



66, 108, 206



206, 164, 66

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.



45, 129, 41



66, 108, 206



152, 103, 0

Square

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



66, 108, 206



199, 63, 86



108, 119, 0



0, 135, 141

Rectangle

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



66, 108, 206



180, 70, 150



108, 119, 0



0, 132, 73

Sweetspot

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



66, 108, 206



204, 219, 255



66, 206, 164



97, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



66, 108, 206



46, 109, 255



94, 66, 206



92, 95, 102



0, 50, 166



0, 11, 38

Inverse Universe

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



206, 66, 108



255, 46, 109



178, 206, 66



102, 92, 95



166, 0, 50



38, 0, 11

Previews

White Background



This preview shows how the RGB color 66, 108, 206 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 × Fail

Black Background



This preview shows how the RGB color 66, 108, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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, 108, 206 Background



This preview shows how black text looks on a background with the RGB color 66, 108, 206.

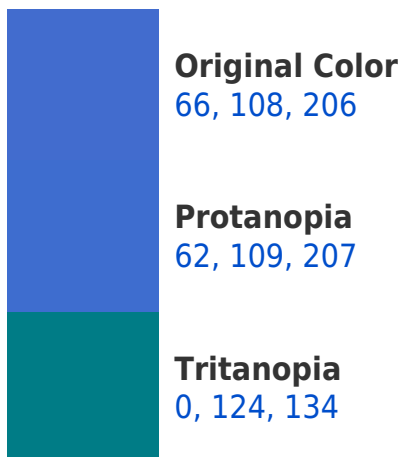


This preview shows how white text looks on a background with the RGB color 66, 108, 206.

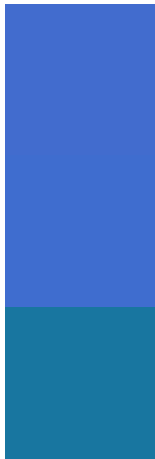
Color Blindness Simulation

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



Trichromacy



Original Color
66, 108, 206

Protanomaly
63, 109, 207

Tritanomaly
24, 118, 160

Monochromacy



Original Color
66, 108, 206

Achromatopsia
107, 107, 107

Achromatomaly
92, 107, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 66, 108, 206 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, 108, 206)` looks like.

```
.text, #text, p{  
    color:rgb(66, 108, 206)  
}
```

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, 108, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 108, 206) }
```

Border

The CSS property to change the border of an element to RGB 66, 108, 206 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, 108, 206) }
```

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

```
.border{ border-color:rgb(66, 108, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 108, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 108, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 108, 206);  
box-shadow:4px 4px 4px 4px rgb(66, 108,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 66, 108, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 108, 206) }
```

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

```
.background{ background-color: rgb(66, 108,  
206) }
```

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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