

Converting Colors

RGB(66, 128, 221)

Have a look what the booklet for
RGB(66, 128, 221) contains.

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Color

RGB(66, 128, 221)

Conversions

Conversions Part 1

Format	Color
Hex	4280DD
RGB	66, 128, 221
RGB Percent	26%, 50%, 87%
CMY	0.7412, 0.4980, 0.1333
CMYK	0.70, 0.42, 0.00, 0.13
HSL	216°, 70%, 56%
HSV	216°, 70%, 87%
XYZ	23.0171, 21.8171, 71.4046
YIQ	120.0640, -66.8050, 15.7790

Conversions

Conversions Part 2

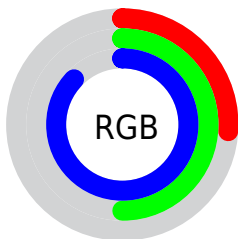
Format	Color
R _Y B	66, 110, 221
Decimal	4358365
CIE Lab	53.83, 10.65, -53.36
CIE LCh	54, 54.413, 281.291
Yxy	21.8171, 0.1980, 0.1877
Android (android.graphics.Color)	4282548445 (0xFF4280DD)
YUV	120.0640, 49.7614, -47.4141
Hunter-Lab	46.7087, 6.2208, -57.9417

Details

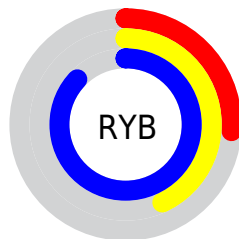
The RGB color **66, 128, 221** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **221, 159, 66**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **131, 180, 255**, and **0, 80, 165** is the 20% darker color. If you saturate the color by 10%, you get **44, 115, 221**, and if you desaturate by 10%, it is **88, 141, 221**.

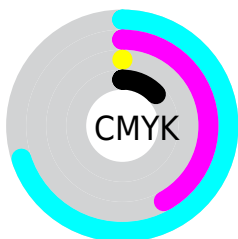
Distribution



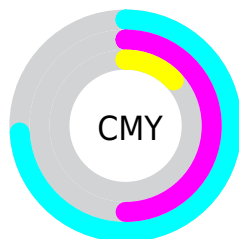
- Red (26%)
- Green (50%)
- Blue (87%)



- Red (26%)
- Yellow (43%)
- Blue (87%)



- Cyan (70%)
- Magenta (42%)
- Yellow (0%)
- Black (13%)




















- Cyan (74%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 66, 128, 221 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, 128, 221 by changing the saturation by 10% instead.

 66, 128, 221	 66, 128, 221
 255, 255, 255	 18, 103, 193
 131, 180, 255	 0, 80, 165
 161, 208, 255	 0, 57, 138
 191, 236, 255	 0, 37, 112
 221, 255, 255	 0, 16, 87
 251, 255, 255	 0, 6, 63
	 0, 3, 40
	 0, 1, 18
	 0, 0, 0

■ 66, 128, 221

■ 66, 128, 221

■ 44, 115, 221

■ 88, 141, 221

■ 22, 101, 221

■ 110, 155, 221

■ 0, 88, 221

■ 132, 168, 221

■ 154, 181, 221

■ 177, 194, 221

■ 199, 208, 221

■ 221, 221, 221

■ 243, 234, 221

■ 255, 247, 221

Harmonies

Analogous

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



0, 142, 217



66, 128, 221



154, 108, 200

Triad

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



66, 128, 221



205, 96, 69



0, 149, 97

Complementary

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



66, 128, 221



221, 159, 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.



84, 143, 53



66, 128, 221



177, 116, 34

Square

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



66, 128, 221



214, 84, 113



136, 132, 24



0, 151, 146

Rectangle

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



66, 128, 221



187, 95, 175



136, 132, 24



22, 148, 81

Sweetspot

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



66, 128, 221



201, 223, 255



66, 221, 159



96, 108, 128



0, 0, 0



128, 128, 128

Same Dimension

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



66, 128, 221



41, 126, 255



81, 66, 221



99, 103, 110



0, 69, 173



0, 18, 46

Inverse Universe

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



221, 66, 128



255, 41, 126



206, 221, 66



110, 99, 103



173, 0, 69



46, 0, 18

Previews

White Background



This preview shows how the RGB color 66, 128, 221 looks on a white background.

Color Contrast Check

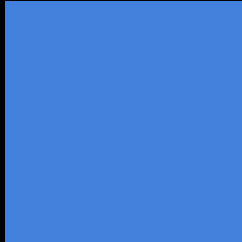
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 66, 128, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

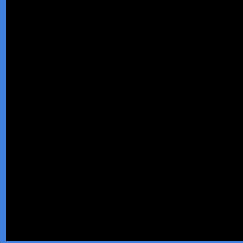
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

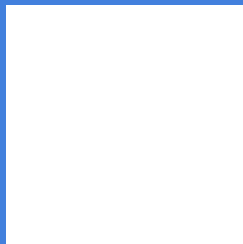
Any Text WCAG AAA × Fail

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

RGB 66, 128, 221 Background



This preview shows how black text looks on a background with the RGB color 66, 128, 221.

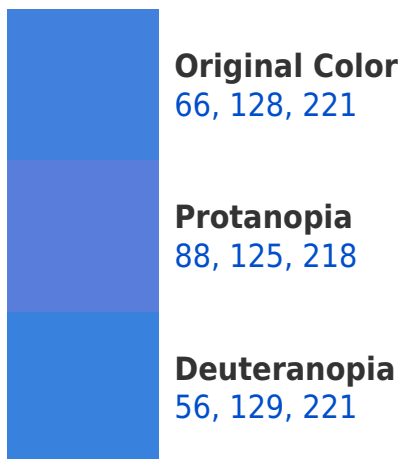


This preview shows how white text looks on a background with the RGB color 66, 128, 221.

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, 128, 221

Protanomaly
80, 126, 219

Deuteranomaly
60, 129, 221

Monochromacy



Original Color
66, 128, 221

Achromatopsia
120, 120, 120

Achromatomaly
100, 123, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 66, 128, 221 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, 128, 221)` looks like.

```
.text, #text, p{  
    color:rgb(66, 128, 221)  
}
```

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, 128, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 128, 221) }
```

Border

The CSS property to change the border of an element to RGB 66, 128, 221 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, 128, 221) }
```

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

```
.border{ border-color:rgb(66, 128, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 128, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 128, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 128, 221);  
box-shadow:4px 4px 4px 4px rgb(66, 128,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 66, 128, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 128, 221) }
```

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

```
.background{ background-color: rgb(66, 128,  
221) }
```

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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