

Converting Colors

RGB(106, 146, 227)

Have a look what the booklet for
RGB(106, 146, 227) contains.

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Color

RGB(106, 146, 227)

Conversions

Conversions Part 1

Format	Color
Hex	6A92E3
RGB	106, 146, 227
RGB Percent	42%, 57%, 89%
CMY	0.5843, 0.4275, 0.1098
CMYK	0.53, 0.36, 0.00, 0.11
HSL	220°, 68%, 65%
HSV	220°, 53%, 89%
XYZ	30.0879, 29.1680, 76.7172
YIQ	143.2740, -49.8410, 16.7110

Conversions

Conversions Part 2

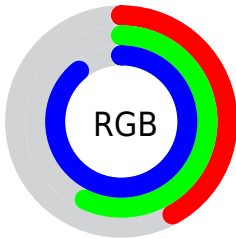
Format	Color
RYB	106, 136, 227
Decimal	6984419
CIELab	60.93, 9.17, -45.33
CIELCh	61, 46.249, 281.438
Yxy	29.1680, 0.2213, 0.2145
Android (android.graphics.Color)	4285174499 (0xFF6A92E3)
YUV	143.2740, 41.2769, -32.6893
Hunter-Lab	54.0074, 4.9306, -46.4160

Details

The RGB color **106, 146, 227** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **227, 187, 106**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **164, 200, 255**, and **43, 96, 171** is the 20% darker color. If you saturate the color by 10%, you get **83, 131, 227**, and if you desaturate by 10%, it is **129, 161, 227**.

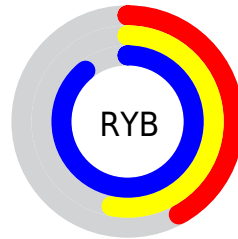
Distribution



Red (42%)

Green (57%)

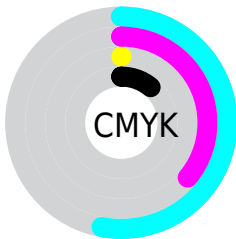
Blue (89%)



Red (42%)

Yellow (53%)

Blue (89%)

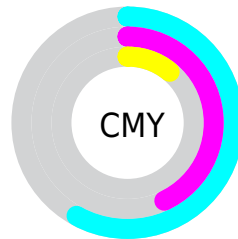


Cyan (53%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (58%)

















Magenta (43%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 106, 146, 227 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 106, 146, 227 by changing the saturation by 10% instead.

 106, 146, 227	 106, 146, 227
 255, 255, 255	 76, 120, 199
 164, 200, 255	 43, 96, 171
 193, 228, 255	 0, 73, 144
 222, 255, 255	 0, 51, 118
 252, 255, 255	 0, 31, 93
	 0, 4, 69
	 0, 3, 46
	 0, 1, 24
	 0, 0, 0

■ 106, 146, 227

■ 106, 146, 227

■ 83, 131, 227

■ 129, 161, 227

■ 61, 116, 227

■ 151, 176, 227

■ 38, 100, 227

■ 174, 192, 227

■ 15, 85, 227

■ 197, 207, 227

■ 0, 75, 227

■ 220, 222, 227

■ 242, 237, 227

■ 255, 252, 227

■ 255, 255, 227

Harmonies

Analogous

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



0, 158, 224



106, 146, 227



171, 130, 209

Triad

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



106, 146, 227



216, 121, 95



46, 166, 120

Complementary

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



106, 146, 227



227, 187, 106

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.



111, 160, 83



106, 146, 227



192, 136, 69

Square

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



106, 146, 227



224, 112, 133



156, 150, 63



0, 168, 162

Rectangle

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



106, 146, 227



199, 120, 187



156, 150, 63



73, 164, 106

Sweetspot

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



106, 146, 227



214, 228, 255



106, 227, 187



103, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



106, 146, 227



92, 146, 255



126, 106, 227



103, 107, 115



0, 59, 179



0, 17, 51

Inverse Universe

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



227, 106, 146



255, 92, 146



207, 227, 106



115, 103, 107



179, 0, 59



51, 0, 17

Previews

White Background



This preview shows how the RGB color 106, 146, 227 looks on a white background.

Color Contrast Check

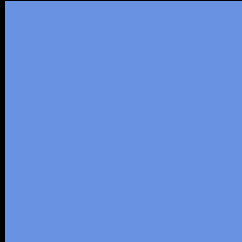
Large Text (above 18pt) WCAG AA ✓ Pass

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 106, 146, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

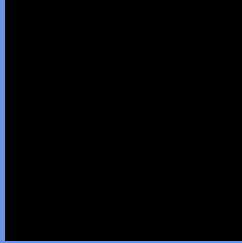
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

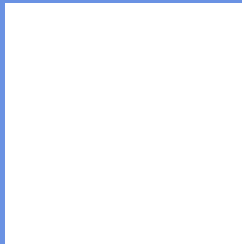
Any Text WCAG AAA × Fail

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

RGB 106, 146, 227 Background



This preview shows how black text looks on a background with the RGB color 106, 146, 227.

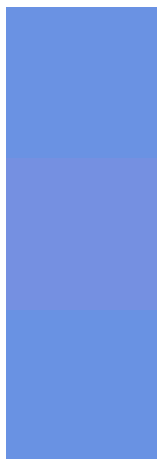


This preview shows how white text looks on a background with the RGB color 106, 146, 227.

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

106, 146, 227

Protanopia

117, 144, 225

Deuteranopia

105, 146, 227



Tritanopia
86, 158, 170

Trichromacy



Original Color
106, 146, 227

Protanomaly
113, 145, 226

Deuteranomaly
105, 146, 227

Tritanomaly
93, 154, 191

Monochromacy



Original Color
106, 146, 227

Achromatopsia
143, 143, 143

Achromatomaly
130, 144, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 106, 146, 227 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(106, 146, 227)` looks like.

```
.text, #text, p{  
    color:rgb(106, 146, 227)  
}
```

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(106, 146, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 146, 227) }
```

Border

The CSS property to change the border of an element to RGB 106, 146, 227 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(106, 146, 227) }
```

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

```
.border{ border-color:rgb(106, 146, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 146, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 146, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 146, 227);  
box-shadow:4px 4px 4px 4px rgb(106, 146,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 106, 146, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 146, 227) }
```

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

```
.background{ background-color: rgb(106,  
146, 227) }
```

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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