

Converting Colors

RGB(111, 161, 228)

Have a look what the booklet for
RGB(111, 161, 228) contains.

RGB(111, 161, 228)	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(111, 161, 228)

Conversions

Conversions Part 1

Format	Color
Hex	6FA1E4
RGB	111, 161, 228
RGB Percent	44%, 63%, 89%
CMY	0.5647, 0.3686, 0.1059
CMYK	0.51, 0.29, 0.00, 0.11
HSL	214°, 68%, 66%
HSV	214°, 51%, 89%
XYZ	33.3040, 34.4707, 78.2970
YIQ	153.6880, -51.3070, 10.2370

Conversions

Conversions Part 2

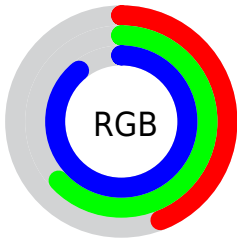
Format	Color
RYB	111, 146, 228
Decimal	7315940
CIELab	65.33, 1.92, -38.95
CIELCh	65, 38.996, 272.819
Yxy	34.4707, 0.2280, 0.2360
Android (android.graphics.Color)	4285506020 (0xFF6FA1E4)
YUV	153.6880, 36.6358, -37.4374
Hunter-Lab	58.7117, -1.4921, -37.9699

Details

The RGB color **111, 161, 228** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **228, 178, 111**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **168, 216, 255**, and **50, 110, 172** is the 20% darker color. If you saturate the color by 10%, you get **88, 148, 228**, and if you desaturate by 10%, it is **134, 174, 228**.

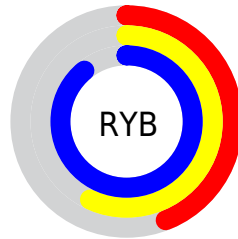
Distribution



Red (44%)

Green (63%)

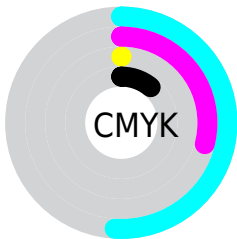
Blue (89%)



Red (44%)

Yellow (57%)

Blue (89%)

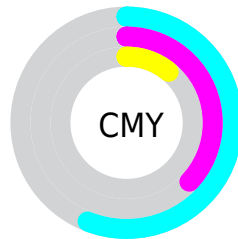


Cyan (51%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (56%)


Magenta (37%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 111, 161, 228 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 111, 161, 228 by changing the saturation by 10% instead.

 111, 161, 228


255, 255, 255


 168, 216, 255

 197, 244, 255

 227, 255, 255

 111, 161, 228

 82, 135, 200

 50, 110, 172

 1, 86, 145

 0, 63, 119

 0, 41, 94

 0, 21, 70

 0, 4, 47

 0, 1, 26

 0, 0, 0

■ 111, 161, 228

■ 111, 161, 228

■ 88, 148, 228

■ 134, 174, 228

■ 65, 135, 228

■ 157, 187, 228

■ 43, 122, 228

■ 179, 200, 228

■ 20, 109, 228

■ 202, 213, 228

■ 0, 97, 228

■ 225, 226, 228

■ 248, 239, 228

■ 255, 252, 228

■ 255, 255, 228

Harmonies

Analogous

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



33, 171, 220



111, 161, 228



167, 148, 217

Triad

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



111, 161, 228



224, 135, 123



98, 174, 126

Complementary

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



111, 161, 228



228, 178, 111

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.



141, 168, 98



111, 161, 228



207, 145, 97

Square

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



111, 161, 228



224, 131, 157



178, 158, 88



40, 177, 161

Rectangle

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



111, 161, 228



194, 140, 201



178, 158, 88



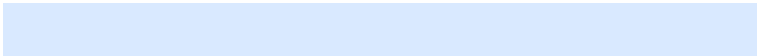
113, 173, 115

Sweetspot

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



111, 161, 228



217, 233, 255



111, 228, 177



105, 114, 128



0, 0, 0



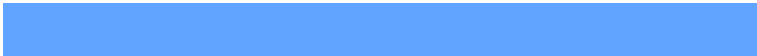
128, 128, 128

Same Dimension

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



111, 161, 228



97, 164, 255



119, 111, 228



103, 108, 115



0, 76, 179



0, 22, 51

Inverse Universe

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



228, 111, 161



255, 97, 164



220, 228, 111



115, 103, 108



179, 0, 76



51, 0, 22

Previews

White Background



This preview shows how the RGB color 111, 161, 228 looks on a white background.

Color Contrast Check

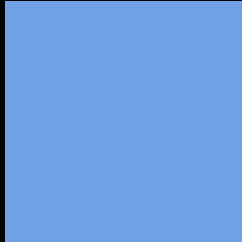
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 111, 161, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

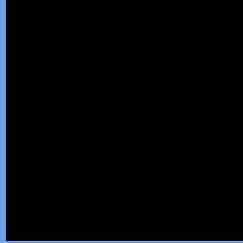
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

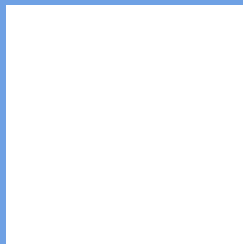
Any Text WCAG AAA ✓ Pass

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

RGB 111, 161, 228 Background



This preview shows how black text looks on a background with the RGB color 111, 161, 228.

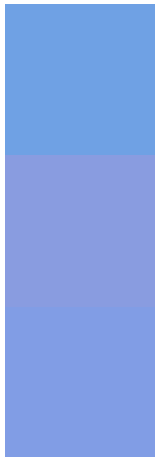


This preview shows how white text looks on a background with the RGB color 111, 161, 228.

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
111, 161, 228

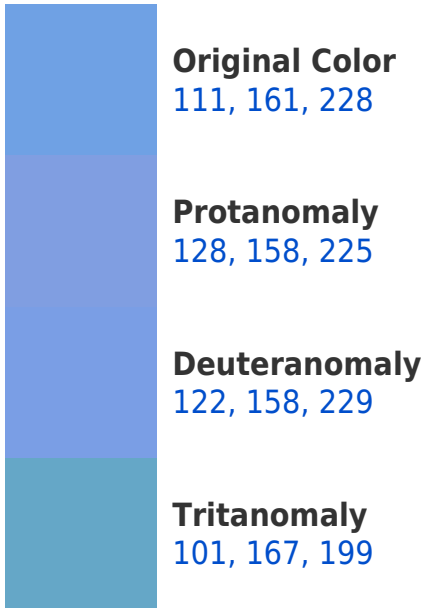
Protanopia
137, 156, 224

Deuteranopia
129, 157, 229

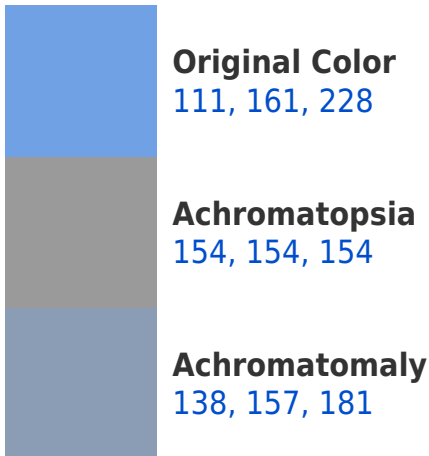


Tritanopia
96, 170, 183

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 111, 161, 228 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(111, 161, 228)` looks like.

```
.text, #text, p{  
    color:rgb(111, 161, 228)  
}
```

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(111, 161, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 161, 228) }
```

Border

The CSS property to change the border of an element to RGB 111, 161, 228 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(111, 161, 228) }
```

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

```
.border{ border-color:rgb(111, 161, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 161, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 161, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 161, 228); box-shadow:4px 4px 4px 4px rgb(111, 161, 228) }
```

Background

The CSS property to change the background color of an element to RGB 111, 161, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 161, 228) }
```

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

```
.background{ background-color: rgb(111,  
161, 228) }
```

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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