

Converting Colors

RGB(101, 133, 227)

Have a look what the booklet for
RGB(101, 133, 227) contains.

RGB(101, 133, 227)	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(101, 133, 227)

Conversions

Conversions Part 1

Format	Color
Hex	6585E3
RGB	101, 133, 227
RGB Percent	40%, 52%, 89%
CMY	0.6039, 0.4784, 0.1098
CMYK	0.56, 0.41, 0.00, 0.11
HSL	225°, 69%, 64%
HSV	225°, 56%, 89%
XYZ	27.6195, 25.0878, 76.0598
YIQ	134.1480, -49.2460, 22.4500

Conversions

Conversions Part 2

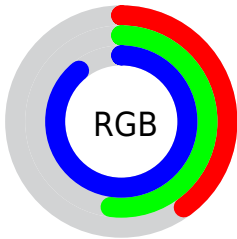
Format	Color
RYB	101, 127, 227
Decimal	6653411
CIELab	57.16, 15.83, -51.32
CIElCh	57, 53.704, 287.143
Yxy	25.0878, 0.2145, 0.1948
Android (android.graphics.Color)	4284843491 (0xFF6585E3)
YUV	134.1480, 45.7760, -29.0708
Hunter-Lab	50.0877, 10.7753, -54.9723

Details

The RGB color **101, 133, 227** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **227, 195, 101**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **160, 186, 255**, and **34, 84, 171** is the 20% darker color. If you saturate the color by 10%, you get **78, 116, 227**, and if you desaturate by 10%, it is **124, 150, 227**.

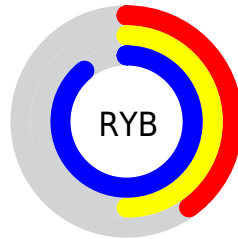
Distribution



Red (40%)

Green (52%)

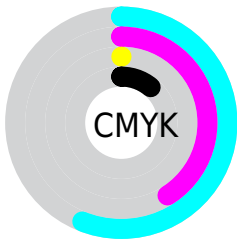
Blue (89%)



Red (40%)

Yellow (50%)

Blue (89%)

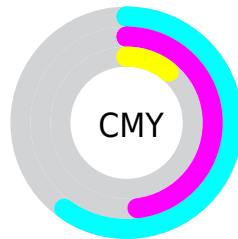


Cyan (56%)

Magenta (41%)

Yellow (0%)

Black (11%)



Cyan (60%)


Magenta (48%)

Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the RGB color 101, 133, 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 101, 133, 227 by changing the saturation by 10% instead.

 101, 133, 227


255, 255, 255


 160, 186, 255

 189, 213, 255

 218, 242, 255

 248, 255, 255

 101, 133, 227

 70, 108, 199

 34, 84, 171

 0, 61, 144

 0, 40, 118

 0, 22, 93

 0, 5, 68

 0, 3, 45

 0, 1, 23

 0, 0, 0

■ 101, 133, 227

■ 101, 133, 227

■ 78, 116, 227

■ 124, 150, 227

■ 56, 99, 227

■ 146, 167, 227

■ 33, 82, 227

■ 169, 184, 227

■ 10, 65, 227

■ 192, 201, 227

■ 0, 58, 227

■ 215, 218, 227

■ 237, 235, 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, 148, 228



101, 133, 227



174, 113, 201

Triad

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



101, 133, 227



210, 109, 70



0, 159, 115

Complementary

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



101, 133, 227



227, 195, 101

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.



82, 153, 70



101, 133, 227



179, 128, 40

Square

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



101, 133, 227



223, 95, 112



136, 143, 39



0, 160, 163

Rectangle

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



101, 133, 227



203, 101, 175



136, 143, 39



0, 157, 99

Sweetspot

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



101, 133, 227



212, 223, 255



101, 227, 193



102, 108, 128



0, 0, 0



128, 128, 128

Same Dimension

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



101, 133, 227



84, 128, 255



130, 101, 227



103, 106, 115



0, 45, 179



0, 13, 51

Inverse Universe

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



227, 101, 133



255, 84, 128



198, 227, 101



115, 103, 106



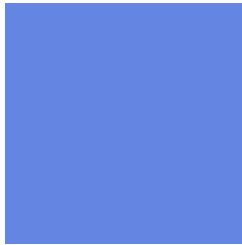
179, 0, 45



51, 0, 13

Previews

White Background



This preview shows how the RGB color 101, 133, 227 looks on a white background.

Color Contrast Check

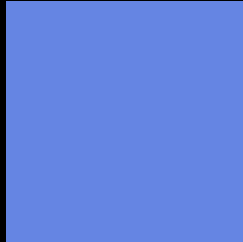
Large Text (above 18pt) WCAG AA ✓ Pass

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 101, 133, 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 101, 133, 227 Background



This preview shows how black text looks on a background with the RGB color 101, 133, 227.



This preview shows how white text looks on a background with the RGB color 101, 133, 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
101, 133, 227

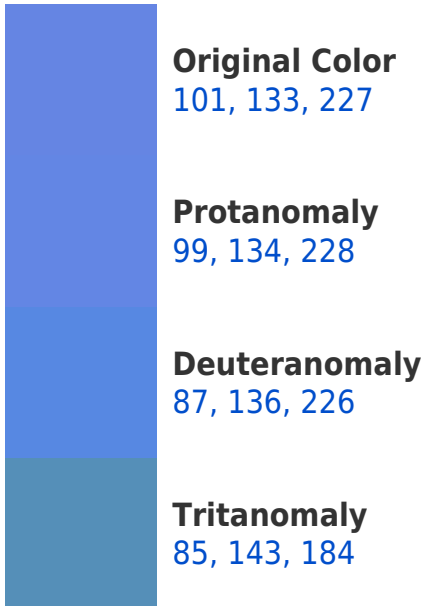
Protanopia
98, 134, 228

Deuteranopia
79, 137, 226

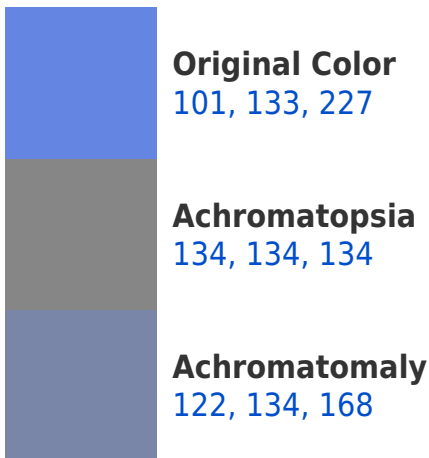


Tritanopia
76, 148, 160

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 101, 133, 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(101, 133, 227)` looks like.

```
.text, #text, p{  
    color:rgb(101, 133, 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(101, 133, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 133, 227) }
```

Border

The CSS property to change the border of an element to RGB 101, 133, 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(101, 133, 227) }
```

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

```
.border{ border-color:rgb(101, 133, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 133, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 133, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 133, 227); box-shadow:4px 4px 4px 4px rgb(101, 133, 227) }
```

Background

The CSS property to change the background color of an element to RGB 101, 133, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 133, 227) }
```

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

```
.background{ background-color: rgb(101,  
133, 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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