

Converting Colors

RGB(103, 121, 225)

Have a look what the booklet for
RGB(103, 121, 225) contains.

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Color

RGB(103, 121, 225)

Conversions

Conversions Part 1

Format	Color
Hex	6779E1
RGB	103, 121, 225
RGB Percent	40%, 47%, 88%
CMY	0.5961, 0.5255, 0.1176
CMYK	0.54, 0.46, 0.00, 0.12
HSL	231°, 67%, 64%
HSV	231°, 54%, 88%
XYZ	26.0215, 21.9946, 74.1081
YIQ	127.4740, -44.1120, 28.5280

Conversions

Conversions Part 2

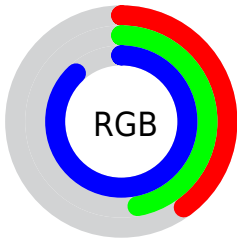
Format	Color
RYB	103, 119, 225
Decimal	6781409
CIELab	54.02, 22.85, -55.20
CIELCh	54, 59.742, 292.486
Yxy	21.9946, 0.2131, 0.1801
Android (android.graphics.Color)	4284971489 (0xFF6779E1)
YUV	127.4740, 48.0803, -21.4637
Hunter-Lab	46.8983, 16.9684, -60.8603

Details

The RGB color **103, 121, 225** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **225, 207, 103**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **161, 173, 255**, and **37, 73, 169** is the 20% darker color. If you saturate the color by 10%, you get **81, 102, 225**, and if you desaturate by 10%, it is **126, 140, 225**.

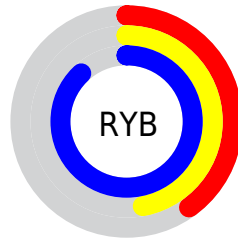
Distribution



Red (40%)

Green (47%)

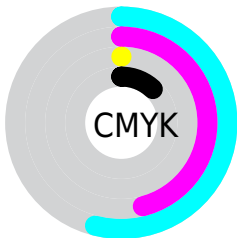
Blue (88%)



Red (40%)

Yellow (47%)

Blue (88%)

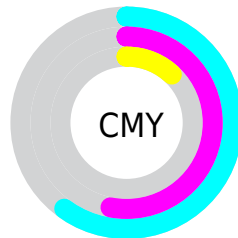


Cyan (54%)

Magenta (46%)

Yellow (0%)

Black (12%)



Cyan (60%)

Magenta (53%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the RGB color 103, 121, 225 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 103, 121, 225 by changing the saturation by 10% instead.

 103, 121, 225


255, 255, 255

 161, 173, 255

 191, 200, 255

 220, 228, 255

 250, 255, 255

 103, 121, 225

 73, 96, 197

 37, 73, 169

 0, 51, 142

 0, 31, 116

 0, 9, 91

 0, 7, 66


 0, 3, 43


 0, 1, 21

 0, 0, 0


 103, 121, 225

 103, 121, 225


 81, 102, 225

 126, 140, 225


 58, 83, 225

 148, 159, 225

 36, 63, 225

 171, 179, 225

 13, 44, 225

 193, 198, 225

 0, 33, 225

 216, 217, 225

 238, 236, 225

 255, 255, 225

Harmonies

Analogous

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



0, 139, 232



103, 121, 225



179, 97, 193

Triad

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



103, 121, 225



202, 101, 47



0, 152, 114

Complementary

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



103, 121, 225



225, 207, 103

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.



46, 148, 62



103, 121, 225



165, 122, 4

Square

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



103, 121, 225



221, 81, 93



117, 138, 15



0, 153, 167

Rectangle

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



103, 121, 225



206, 83, 161



117, 138, 15



0, 151, 96

Sweetspot

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



103, 121, 225



214, 220, 255



103, 225, 207



103, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



103, 121, 225



89, 114, 255



146, 103, 225



101, 103, 112



0, 26, 176



0, 7, 48

Inverse Universe

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



225, 103, 121



255, 89, 114



182, 225, 103



112, 101, 103



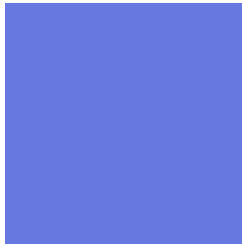
176, 0, 26



48, 0, 7

Previews

White Background



This preview shows how the RGB color 103, 121, 225 looks on a white background.

Color Contrast Check

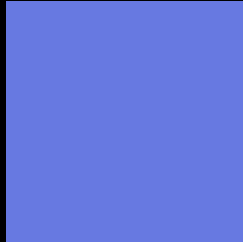
Large Text (above 18pt) WCAG AA ✓ Pass

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 103, 121, 225 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 103, 121, 225 Background



This preview shows how black text looks on a background with the RGB color 103, 121, 225.

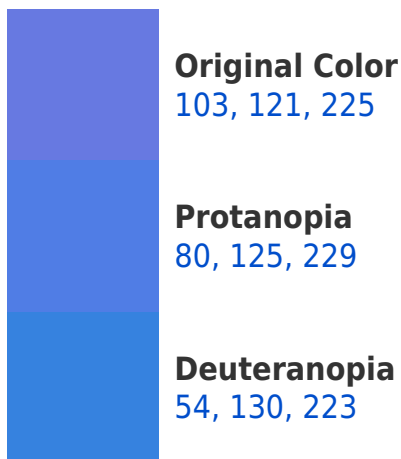


This preview shows how white text looks on a background with the RGB color 103, 121, 225.

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





Tritanopia
76, 138, 149

Trichromacy



Original Color
103, 121, 225

Protanomaly
88, 124, 228

Deuteranomaly
72, 127, 224

Tritanomaly
86, 132, 177

Monochromacy



Original Color
103, 121, 225

Achromatopsia
127, 127, 127

Achromatomaly
118, 125, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 121, 225 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(103, 121, 225)` looks like.

```
.text, #text, p{  
    color:rgb(103, 121, 225)  
}
```

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(103, 121, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 121, 225) }
```

Border

The CSS property to change the border of an element to RGB 103, 121, 225 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(103, 121, 225) }
```

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

```
.border{ border-color:rgb(103, 121, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 121, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 121, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 121, 225);  
box-shadow:4px 4px 4px 4px rgb(103, 121,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 103, 121, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 121, 225) }
```

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

```
.background{ background-color: rgb(103,  
121, 225) }
```

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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