

Converting Colors

RGB(101, 163, 213)

Have a look what the booklet for
RGB(101, 163, 213) contains.

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Color

RGB(101, 163, 213)

Conversions

Conversions Part 1

Format	Color
Hex	65A3D5
RGB	101, 163, 213
RGB Percent	40%, 64%, 84%
CMY	0.6039, 0.3608, 0.1647
CMYK	0.53, 0.23, 0.00, 0.16
HSL	207°, 57%, 62%
HSV	207°, 53%, 84%
XYZ	30.4743, 33.7652, 67.8620
YIQ	150.1620, -53.0020, 2.4060

Conversions

Conversions Part 2

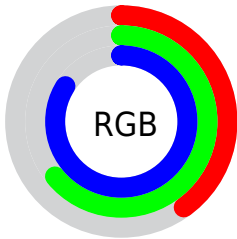
Format	Color
RYB	101, 141, 213
Decimal	6661077
CIELab	64.78, -5.95, -31.57
CIELCh	65, 32.126, 259.319
Yxy	33.7652, 0.2307, 0.2556
Android (android.graphics.Color)	4284851157 (0xFF65A3D5)
YUV	150.1620, 30.9791, -43.1151
Hunter-Lab	58.1078, -8.0755, -28.5671

Details

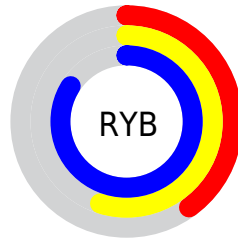
The RGB color **101, 163, 213** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **213, 151, 101**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **158, 218, 255**, and **39, 111, 158** is the 20% darker color. If you saturate the color by 10%, you get **80, 153, 213**, and if you desaturate by 10%, it is **122, 173, 213**.

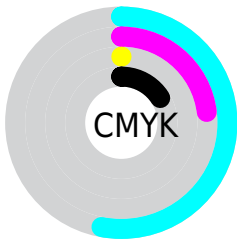
Distribution



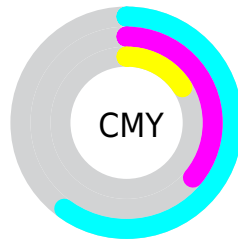
- Red (40%)
- Green (64%)
- Blue (84%)



- Red (40%)
- Yellow (55%)
- Blue (84%)



- Cyan (53%)
- Magenta (23%)
- Yellow (0%)
- Black (16%)




- Cyan (60%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 101, 163, 213 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, 163, 213 by changing the saturation by 10% instead.

 101, 163, 213


255, 255, 255


 158, 218, 255


 187, 246, 255

 216, 255, 255

 246, 255, 255

 101, 163, 213

 72, 137, 185

 39, 111, 158

 0, 87, 132

 0, 64, 106

 0, 42, 82

 0, 22, 59

 0, 2, 37

 0, 1, 13

 0, 0, 0

■ 101, 163, 213

■ 101, 163, 213

■ 80, 153, 213

■ 122, 173, 213

■ 58, 144, 213

■ 144, 182, 213

■ 37, 134, 213

■ 165, 192, 213

■ 16, 125, 213

■ 186, 201, 213

■ 0, 118, 213

■ 208, 211, 213

■ 229, 220, 213

■ 250, 230, 213

■ 255, 239, 213

■ 255, 249, 213

Harmonies

Analogous

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



61, 170, 200



101, 163, 213



146, 153, 211

Triad

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



101, 163, 213



214, 136, 140



125, 168, 119

Complementary

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



101, 163, 213



213, 151, 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.



158, 161, 102



101, 163, 213



206, 142, 115

Square

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



101, 163, 213



207, 136, 169



186, 152, 101



90, 172, 146

Rectangle

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



101, 163, 213



172, 146, 202



186, 152, 101



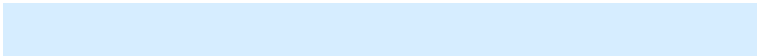
136, 166, 112

Sweetspot

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



101, 163, 213



214, 237, 255



101, 213, 150



103, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



101, 163, 213



94, 183, 255



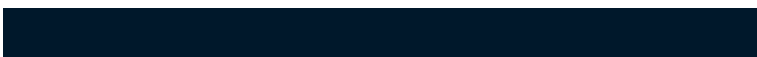
101, 108, 213



96, 102, 107



0, 95, 171



0, 24, 43

Inverse Universe

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



213, 101, 163



255, 94, 183



213, 206, 101



107, 96, 102



171, 0, 95



43, 0, 24

Previews

White Background



This preview shows how the RGB color 101, 163, 213 looks on a white background.

Color Contrast Check

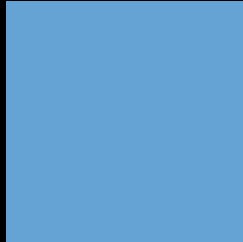
Large Text (above 18pt) WCAG AA × Fail

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 101, 163, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

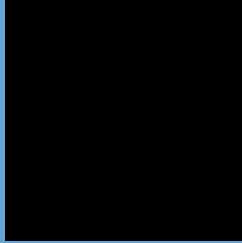
Any Text WCAG AA ✓ Pass

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 101, 163, 213 Background



This preview shows how black text looks on a background with the RGB color 101, 163, 213.

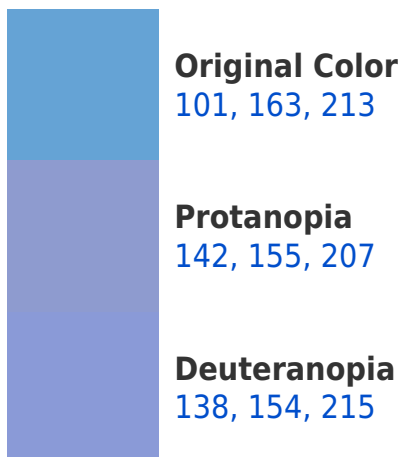


This preview shows how white text looks on a background with the RGB color 101, 163, 213.

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](#).

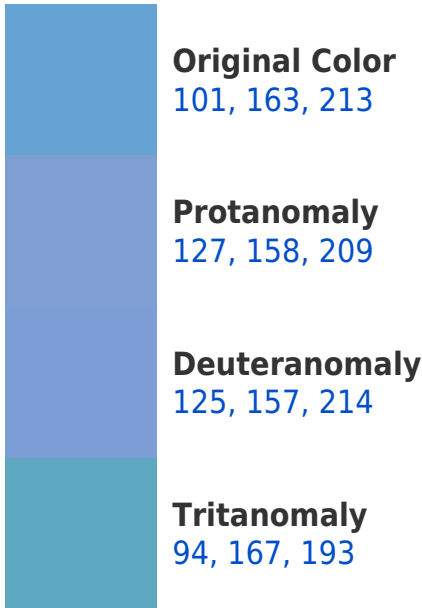
Dichromacy



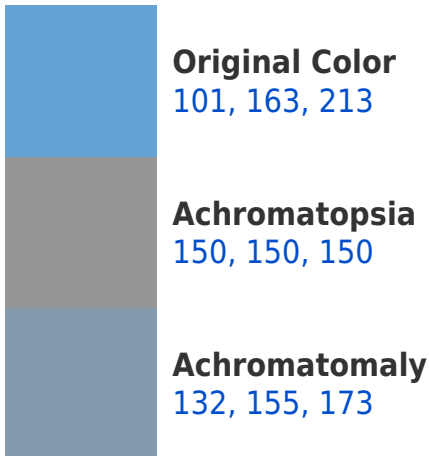


Tritanopia
90, 169, 182

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 101, 163, 213 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, 163, 213)` looks like.

```
.text, #text, p{  
    color:rgb(101, 163, 213)  
}
```

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, 163, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 163, 213) }
```

Border

The CSS property to change the border of an element to RGB 101, 163, 213 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, 163, 213) }
```

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

```
.border{ border-color:rgb(101, 163, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 163, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 163, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 163, 213); box-shadow:4px 4px 4px 4px rgb(101, 163, 213) }
```

Background

The CSS property to change the background color of an element to RGB 101, 163, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 163, 213) }
```

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

```
.background{ background-color: rgb(101,  
163, 213) }
```

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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