

Converting Colors

RGB(101, 175, 232)

Have a look what the booklet for
RGB(101, 175, 232) contains.

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Color

RGB(101, 175, 232)

Conversions

Conversions Part 1

Format	Color
Hex	65AFE8
RGB	101, 175, 232
RGB Percent	40%, 69%, 91%
CMY	0.6039, 0.3137, 0.0902
CMYK	0.56, 0.25, 0.00, 0.09
HSL	206°, 74%, 65%
HSV	206°, 56%, 91%
XYZ	35.2623, 39.2528, 82.0620
YIQ	159.3720, -62.4010, 2.0390

Conversions

Conversions Part 2

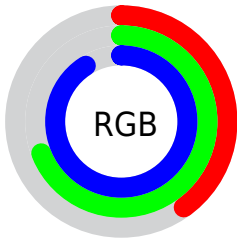
Format	Color
RYB	101, 148, 232
Decimal	6664168
CIELab	68.93, -6.82, -35.57
CIElCh	69, 36.218, 259.147
Yxy	39.2528, 0.2252, 0.2507
Android (android.graphics.Color)	4284854248 (0xFF65AFE8)
YUV	159.3720, 35.8056, -51.1922
Hunter-Lab	62.6521, -9.1765, -33.8018

Details

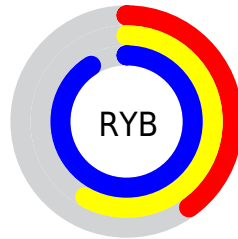
The RGB color **101, 175, 232** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **232, 158, 101**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **160, 230, 255**, and **32, 123, 176** is the 20% darker color. If you saturate the color by 10%, you get **78, 165, 232**, and if you desaturate by 10%, it is **124, 185, 232**.

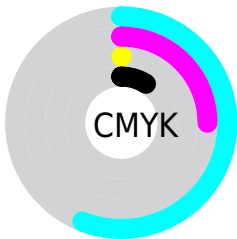
Distribution



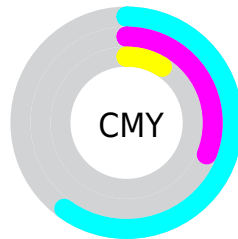
- Red (40%)
- Green (69%)
- Blue (91%)



- Red (40%)
- Yellow (58%)
- Blue (91%)



- Cyan (56%)
- Magenta (25%)
- Yellow (0%)
- Black (9%)




- Cyan (60%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 101, 175, 232 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, 175, 232 by changing the saturation by 10% instead.

 101, 175, 232


255, 255, 255


 160, 230, 255


 190, 255, 255

 219, 255, 255

 249, 255, 255

 101, 175, 232

 70, 148, 204

 32, 123, 176

 0, 98, 149

 0, 74, 123

 0, 52, 98

 0, 31, 74

 0, 4, 51

 0, 2, 29

 0, 0, 0

■ 101, 175, 232

■ 101, 175, 232

■ 78, 165, 232

■ 124, 185, 232

■ 55, 155, 232

■ 147, 195, 232

■ 31, 145, 232

■ 171, 205, 232

■ 8, 135, 232

■ 194, 215, 232

■ 0, 131, 232

■ 217, 225, 232

■ 240, 236, 232

■ 255, 246, 232

■ 255, 255, 232

Harmonies

Analogous

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



48, 182, 217



101, 175, 232



155, 164, 230

Triad

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



101, 175, 232



233, 144, 148



131, 181, 124

Complementary

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



101, 175, 232



232, 158, 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.



169, 173, 105



101, 175, 232



223, 151, 120

Square

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



101, 175, 232



224, 144, 182



201, 162, 104



90, 185, 155

Rectangle

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



101, 175, 232



185, 156, 219



201, 162, 104



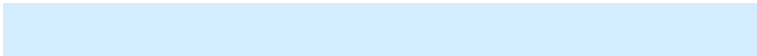
144, 178, 116

Sweetspot

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



101, 175, 232



212, 236, 255



101, 232, 158



102, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



101, 175, 232



82, 180, 255



101, 110, 232



103, 110, 115



0, 101, 179



0, 29, 51

Inverse Universe

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



232, 101, 175



255, 82, 180



232, 223, 101



115, 103, 110



179, 0, 101



51, 0, 29

Previews

White Background



This preview shows how the RGB color 101, 175, 232 looks on a white background.

Color Contrast Check

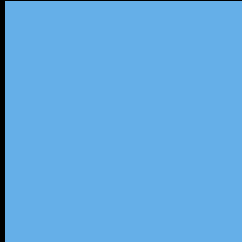
Large Text (above 18pt) WCAG AA × Fail

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, 175, 232 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

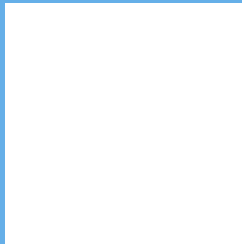
Any Text WCAG AAA ✓ Pass

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

RGB 101, 175, 232 Background



This preview shows how black text looks on a background with the RGB color 101, 175, 232.

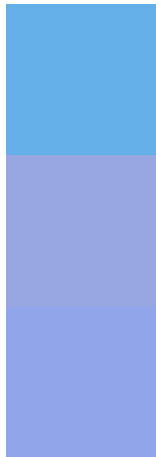


This preview shows how white text looks on a background with the RGB color 101, 175, 232.

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, 175, 232

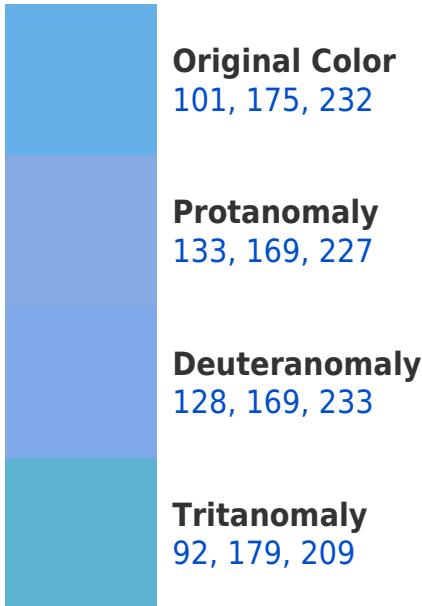
Protanopia
151, 165, 224

Deuteranopia
144, 165, 234

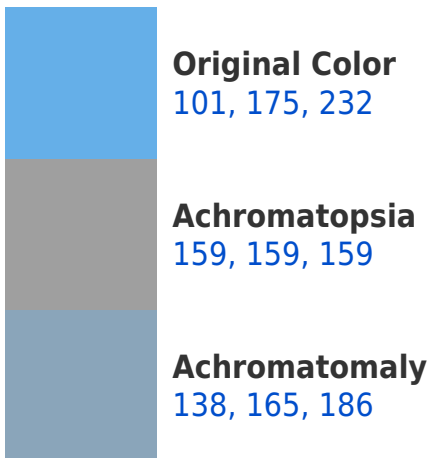


Tritanopia
87, 182, 196

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 101, 175, 232 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, 175, 232)` looks like.

```
.text, #text, p{  
    color:rgb(101, 175, 232)  
}
```

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, 175, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 175, 232) }
```

Border

The CSS property to change the border of an element to RGB 101, 175, 232 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, 175, 232) }
```

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

```
.border{ border-color:rgb(101, 175, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 175, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 175, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 175, 232);  
box-shadow:4px 4px 4px 4px rgb(101, 175,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 101, 175, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 175, 232) }
```

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

```
.background{ background-color: rgb(101,  
175, 232) }
```

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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