

Converting Colors

RGB(121, 165, 238)

Have a look what the booklet for
RGB(121, 165, 238) contains.

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Color

RGB(121, 165, 238)

Conversions

Conversions Part 1

Format	Color
Hex	79A5EE
RGB	121, 165, 238
RGB Percent	47%, 65%, 93%
CMY	0.5255, 0.3529, 0.0667
CMYK	0.49, 0.31, 0.00, 0.07
HSL	217°, 77%, 70%
HSV	217°, 49%, 93%
XYZ	36.7729, 37.1483, 86.1211
YIQ	160.1660, -49.6570, 13.3750

Conversions

Conversions Part 2

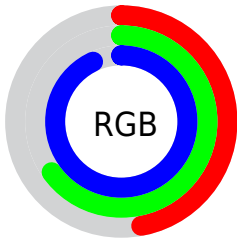
Format	Color
RYB	121, 153, 238
Decimal	7972334
CIELab	67.39, 4.90, -41.19
CIElCh	67, 41.479, 276.788
Yxy	37.1483, 0.2298, 0.2321
Android (android.graphics.Color)	4286162414 (0xFF79A5EE)
YUV	160.1660, 38.3722, -34.3486
Hunter-Lab	60.9494, 1.0339, -41.1119

Details

The RGB color **121, 165, 238** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **238, 194, 121**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **179, 220, 255**, and **62, 114, 182** is the 20% darker color. If you saturate the color by 10%, you get **97, 150, 238**, and if you desaturate by 10%, it is **145, 180, 238**.

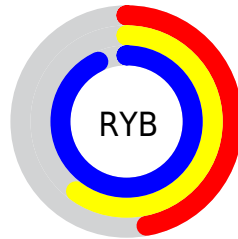
Distribution



Red (47%)

Green (65%)

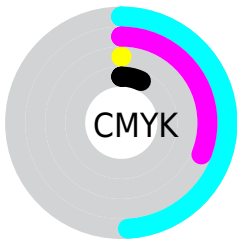
Blue (93%)



Red (47%)

Yellow (60%)

Blue (93%)

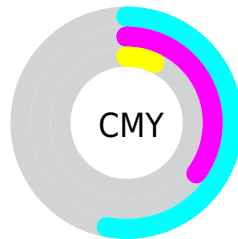


Cyan (49%)

Magenta (31%)

Yellow (0%)

Black (7%)



Cyan (53%)


Magenta (35%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 121, 165, 238 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 121, 165, 238 by changing the saturation by 10% instead.


 121, 165, 238


255, 255, 255


 179, 220, 255

 208, 248, 255

 237, 255, 255

 121, 165, 238

 92, 139, 210

 62, 114, 182

 25, 89, 155

 0, 66, 128


 0, 45, 103


 0, 25, 78


 0, 5, 55

 0, 2, 33


 0, 0, 5

 121, 165, 238


 121, 165, 238

 97, 150, 238

 145, 180, 238

 73, 135, 238

 169, 195, 238

 50, 120, 238

 192, 210, 238

 26, 106, 238

 216, 224, 238

 2, 91, 238

 240, 239, 238

 0, 90, 238

 255, 254, 238

 255, 255, 238

Harmonies

Analogous

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



34, 176, 232



121, 165, 238



179, 151, 224

Triad

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



121, 165, 238



232, 140, 121



92, 181, 133

Complementary

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



121, 165, 238



238, 194, 121

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.



140, 175, 103



121, 165, 238



212, 152, 96

Square

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



121, 165, 238



235, 134, 157



180, 165, 88



0, 184, 172

Rectangle

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



121, 165, 238



207, 142, 206



180, 165, 88



109, 180, 122

Sweetspot

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



121, 165, 238



217, 231, 255



121, 238, 193



105, 113, 128



0, 0, 0



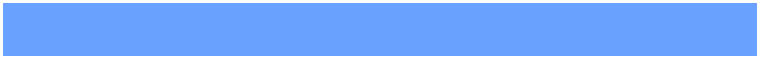
128, 128, 128

Same Dimension

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



121, 165, 238



105, 161, 255



135, 121, 238



108, 112, 120



0, 69, 184



0, 21, 56

Inverse Universe

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



238, 121, 165



255, 105, 161



224, 238, 121



120, 108, 112



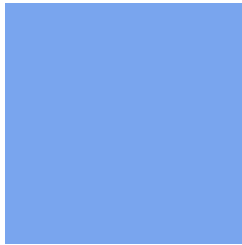
184, 0, 69



56, 0, 21

Previews

White Background



This preview shows how the RGB color 121, 165, 238 looks on a white background.

Color Contrast Check

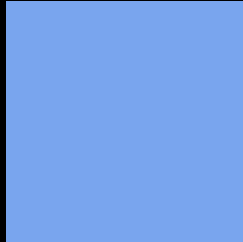
Large Text (above 18pt) WCAG AA × Fail

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 121, 165, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

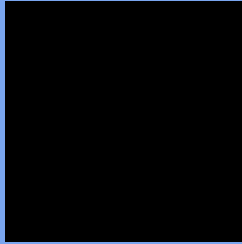
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

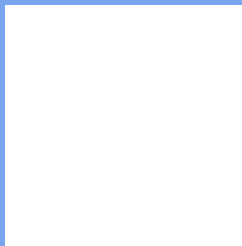
Any Text WCAG AAA ✓ Pass

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

RGB 121, 165, 238 Background



This preview shows how black text looks on a background with the RGB color 121, 165, 238.



This preview shows how white text looks on a background with the RGB color 121, 165, 238.

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
121, 165, 238

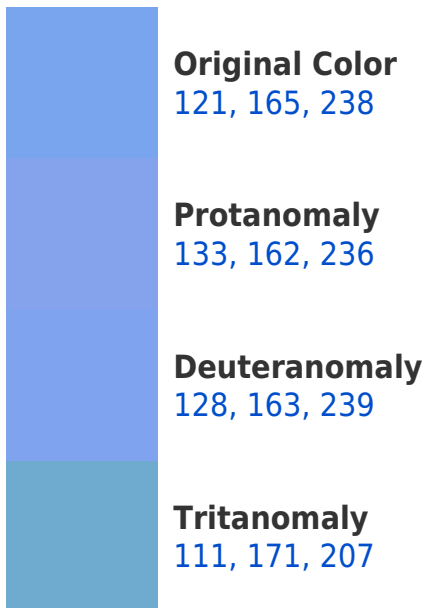
Protanopia
140, 161, 235

Deuteranopia
132, 162, 239

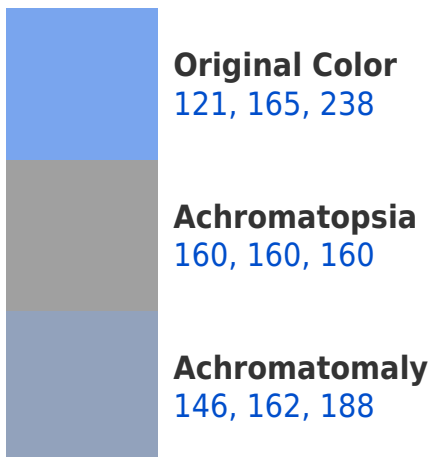


Tritanopia
105, 175, 189

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 121, 165, 238 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(121, 165, 238)` looks like.

```
.text, #text, p{  
    color:rgb(121, 165, 238)  
}
```

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(121, 165, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 165, 238) }
```

Border

The CSS property to change the border of an element to RGB 121, 165, 238 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(121, 165, 238) }
```

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

```
.border{ border-color:rgb(121, 165, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 165, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 165, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 165, 238); box-shadow:4px 4px 4px 4px rgb(121, 165, 238) }
```

Background

The CSS property to change the background color of an element to RGB 121, 165, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 165, 238) }
```

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

```
.background{ background-color: rgb(121,  
165, 238) }
```

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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