

Converting Colors

RGB(129, 166, 248)

Have a look what the booklet for
RGB(129, 166, 248) contains.

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Color

RGB(129, 166, 248)

Conversions

Conversions Part 1

Format	Color
Hex	81A6F8
RGB	129, 166, 248
RGB Percent	51%, 65%, 97%
CMY	0.4941, 0.3490, 0.0275
CMYK	0.48, 0.33, 0.00, 0.03
HSL	221°, 89%, 74%
HSV	221°, 48%, 97%
XYZ	39.6328, 38.7169, 94.1912
YIQ	164.2850, -48.3740, 17.6580

Conversions

Conversions Part 2

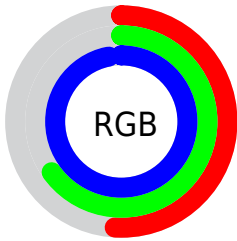
Format	Color
R_{YB}	129, 157, 248
Decimal	8496888
CIE _{Lab}	68.55, 9.12, -44.80
CIE _{LCh}	69, 45.718, 281.511
Yxy	38.7169, 0.2297, 0.2244
Android (android.graphics.Color)	4286686968 (0xFF81A6F8)
YUV	164.2850, 41.2715, -30.9449
Hunter-Lab	62.2229, 4.8052, -46.1954

Details

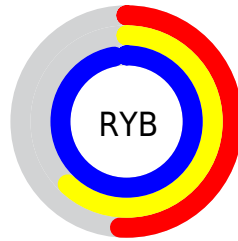
The RGB color **129, 166, 248** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **248, 211, 129**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **187, 221, 255**, and **70, 115, 191** is the 20% darker color. If you saturate the color by 10%, you get **104, 149, 248**, and if you desaturate by 10%, it is **154, 183, 248**.

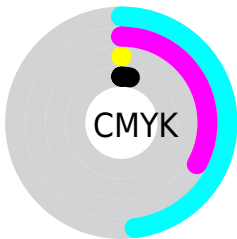
Distribution



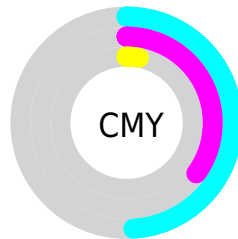
- Red (51%)
- Green (65%)
- Blue (97%)



- Red (51%)
- Yellow (62%)
- Blue (97%)



- Cyan (48%)
- Magenta (33%)
- Yellow (0%)
- Black (3%)



- Cyan (49%)
- Magenta (35%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 166, 248 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 129, 166, 248 by changing the saturation by 10% instead.


 129, 166, 248


255, 255, 255


 187, 221, 255

 216, 249, 255

 246, 255, 255

 129, 166, 248

 100, 140, 219

 70, 115, 191

 36, 90, 164

 0, 67, 137

 0, 46, 111

 0, 26, 86

 0, 4, 63

 0, 3, 40


 0, 1, 17

 129, 166, 248


 129, 166, 248

 104, 149, 248

 154, 183, 248

 79, 132, 248


 179, 200, 248

 55, 115, 248

 203, 217, 248

 30, 98, 248

 228, 234, 248

 5, 81, 248

 253, 251, 248

 0, 77, 248

 255, 255, 248

Harmonies

Analogous

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



5, 179, 245



129, 166, 248



192, 150, 229

Triad

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



129, 166, 248



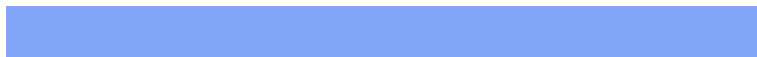
239, 141, 114



73, 187, 140

Complementary

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



129, 166, 248



248, 211, 129

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.



132, 181, 103



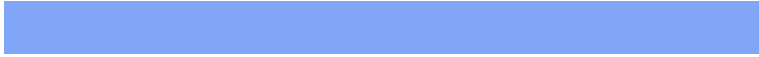
129, 166, 248



214, 156, 88

Square

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



129, 166, 248



246, 133, 153



177, 170, 84



0, 189, 182

Rectangle

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



129, 166, 248



220, 141, 207



177, 170, 84



95, 185, 126

Sweetspot

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



129, 166, 248



219, 230, 255



129, 248, 210



106, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



129, 166, 248



107, 153, 255



151, 129, 248



112, 116, 125



0, 59, 189



0, 19, 61

Inverse Universe

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



248, 129, 166



255, 107, 153



226, 248, 129



125, 112, 116



189, 0, 59



61, 0, 19

Previews

White Background



This preview shows how the RGB color 129, 166, 248 looks on a white background.

Color Contrast Check

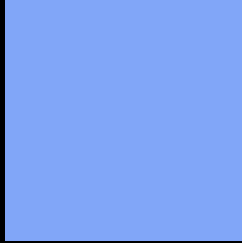
Large Text (above 18pt) WCAG AA × Fail

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 129, 166, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

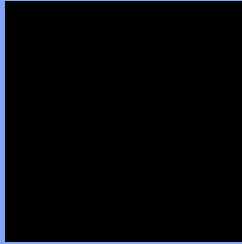
Any Text WCAG AA ✓ Pass

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 129, 166, 248 Background



This preview shows how black text looks on a background with the RGB color 129, 166, 248.



This preview shows how white text looks on a background with the RGB color 129, 166, 248.

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

129, 166, 248

Protanopia

139, 164, 246

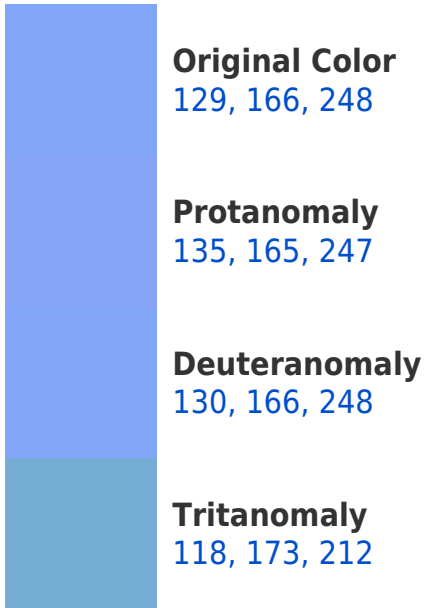
Deuteranopia

130, 166, 248

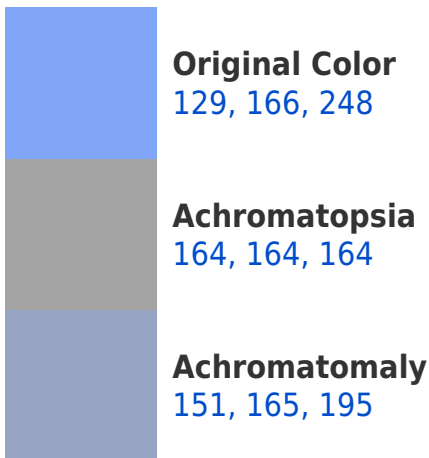


Tritanopia
112, 177, 191

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 166, 248 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(129, 166, 248)` looks like.

```
.text, #text, p{  
    color:rgb(129, 166, 248)  
}
```

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(129, 166, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 166, 248) }
```

Border

The CSS property to change the border of an element to RGB 129, 166, 248 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(129, 166, 248) }
```

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

```
.border{ border-color:rgb(129, 166, 248) }
```

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

Here you see how a box with a 4 pixel rgb(129, 166, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 166, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 166, 248);  
box-shadow:4px 4px 4px 4px rgb(129, 166,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 129, 166, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 166, 248) }
```

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

```
.background{ background-color: rgb(129,  
166, 248) }
```

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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