

Converting Colors

RGB(128, 175, 231)

Have a look what the booklet for
RGB(128, 175, 231) contains.

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Color

RGB(128, 175, 231)

Conversions

Conversions Part 1

Format	Color
Hex	80AFE7
RGB	128, 175, 231
RGB Percent	50%, 69%, 91%
CMY	0.4980, 0.3137, 0.0941
CMYK	0.45, 0.24, 0.00, 0.09
HSL	213°, 68%, 70%
HSV	213°, 45%, 91%
XYZ	38.6559, 41.0187, 81.4813
YIQ	167.3310, -45.9880, 7.4520

Conversions

Conversions Part 2

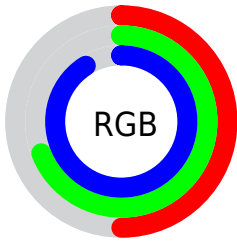
Format	Color
RYB	128, 160, 231
Decimal	8433639
CIELab	70.19, -1.05, -32.98
CIELCh	70, 32.993, 268.168
Yxy	41.0187, 0.2399, 0.2545
Android (android.graphics.Color)	4286623719 (0xFF80AFE7)
YUV	167.3310, 31.3888, -34.4933
Hunter-Lab	64.0458, -4.3437, -30.5987

Details

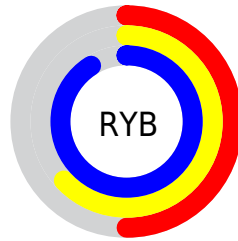
The RGB color **128, 175, 231** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **231, 184, 128**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **185, 230, 255**, and **72, 123, 175** is the 20% darker color. If you saturate the color by 10%, you get **105, 162, 231**, and if you desaturate by 10%, it is **151, 188, 231**.

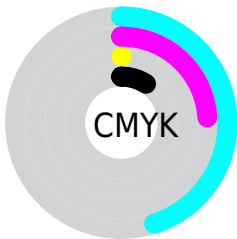
Distribution



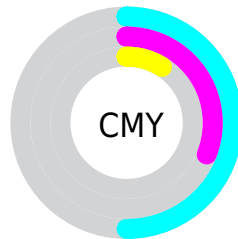
- Red (50%)
- Green (69%)
- Blue (91%)



- Red (50%)
- Yellow (63%)
- Blue (91%)



- Cyan (45%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)



- Cyan (50%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 175, 231 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 128, 175, 231 by changing the saturation by 10% instead.


 128, 175, 231


255, 255, 255


 185, 230, 255


 214, 255, 255

 243, 255, 255

 128, 175, 231


 100, 148, 203

 72, 123, 175

 41, 98, 148

 0, 74, 122

 0, 52, 97

 0, 31, 73

 0, 5, 50

 0, 2, 29

 0, 0, 0

■ 128, 175, 231

■ 128, 175, 231

■ 105, 162, 231

■ 151, 188, 231

■ 82, 150, 231

■ 174, 200, 231

■ 59, 137, 231

■ 197, 213, 231

■ 36, 125, 231

■ 220, 225, 231

■ 13, 112, 231

■ 243, 238, 231

■ 0, 105, 231

■ 255, 250, 231

■ 255, 255, 231

Harmonies

Analogous

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



84, 183, 222



128, 175, 231



173, 165, 224

Triad

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



128, 175, 231



230, 151, 145



128, 185, 139

Complementary

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



128, 175, 231



231, 184, 128

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.



163, 178, 118



128, 175, 231



218, 159, 122

Square

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



128, 175, 231



228, 149, 175



194, 169, 112



92, 188, 169

Rectangle

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



128, 175, 231



198, 158, 212



194, 169, 112



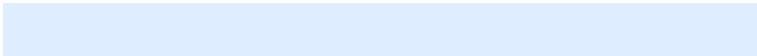
140, 183, 131

Sweetspot

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



128, 175, 231



222, 237, 255



128, 231, 183



107, 116, 128



0, 0, 0



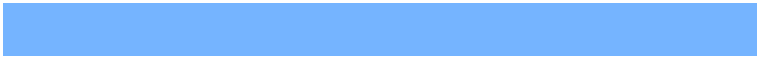
128, 128, 128

Same Dimension

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



128, 175, 231



117, 180, 255



131, 128, 231



103, 109, 115



0, 81, 179



0, 23, 51

Inverse Universe

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



231, 128, 175



255, 117, 180



228, 231, 128



115, 103, 109



179, 0, 81



51, 0, 23

Previews

White Background



This preview shows how the RGB color 128, 175, 231 looks on a white background.

Color Contrast Check

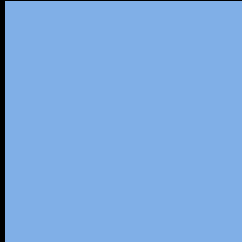
Large Text (above 18pt) WCAG AA × Fail

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 128, 175, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

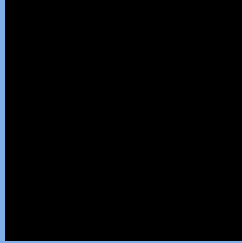
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

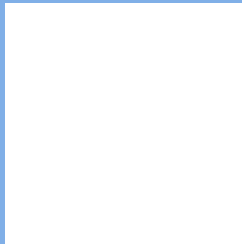
Any Text WCAG AAA ✓ Pass

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

RGB 128, 175, 231 Background



This preview shows how black text looks on a background with the RGB color 128, 175, 231.



This preview shows how white text looks on a background with the RGB color 128, 175, 231.

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](#).

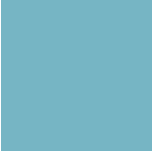
Dichromacy



Original Color
128, 175, 231

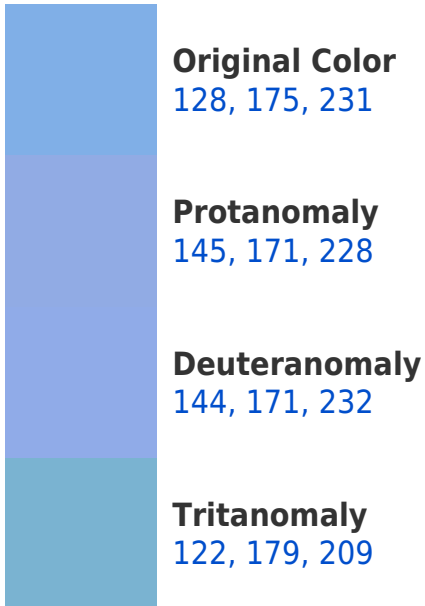
Protanopia
155, 169, 226

Deuteranopia
153, 169, 232

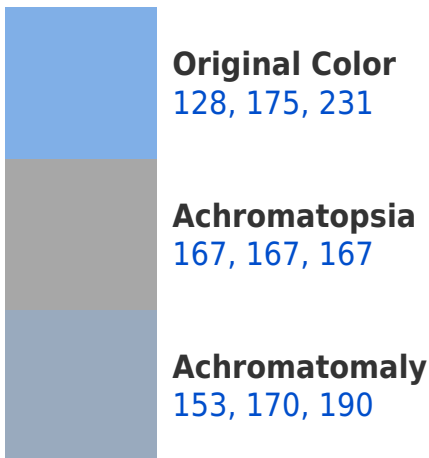


Tritanopia
118, 181, 196

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 175, 231 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(128, 175, 231)` looks like.

```
.text, #text, p{  
    color:rgb(128, 175, 231)  
}
```

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(128, 175, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 175, 231) }
```

Border

The CSS property to change the border of an element to RGB 128, 175, 231 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(128, 175, 231) }
```

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

```
.border{ border-color:rgb(128, 175, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 175, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 175, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 175, 231);  
box-shadow:4px 4px 4px 4px rgb(128, 175,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 128, 175, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 175, 231) }
```

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

```
.background{ background-color: rgb(128,  
175, 231) }
```

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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