

Converting Colors

RGB(128, 180, 232)

Have a look what the booklet for
RGB(128, 180, 232) contains.

RGB(128, 180, 232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(128, 180, 232)

Conversions

Conversions Part 1

Format	Color
Hex	80B4E8
RGB	128, 180, 232
RGB Percent	50%, 71%, 91%
CMY	0.4980, 0.2941, 0.0902
CMYK	0.45, 0.22, 0.00, 0.09
HSL	210°, 69%, 71%
HSV	210°, 45%, 91%
XYZ	39.7888, 43.0579, 82.5578
YIQ	170.3800, -47.6840, 5.1480

Conversions

Conversions Part 2

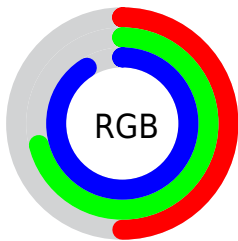
Format	Color
RYB	128, 163, 232
Decimal	8434920
CIELab	71.59, -3.53, -31.35
CIElCh	72, 31.547, 263.580
Yxy	43.0579, 0.2406, 0.2603
Android (android.graphics.Color)	4286625000 (0xFF80B4E8)
YUV	170.3800, 30.3787, -37.1673
Hunter-Lab	65.6185, -6.5961, -28.6627

Details

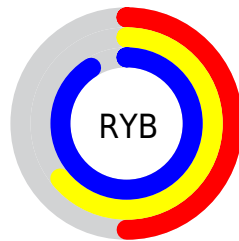
The RGB color **128, 180, 232** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **232, 180, 128**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **185, 236, 255**, and **71, 127, 176** is the 20% darker color. If you saturate the color by 10%, you get **105, 168, 232**, and if you desaturate by 10%, it is **151, 192, 232**.

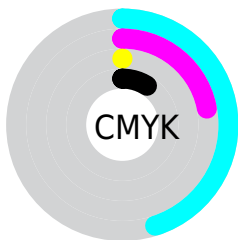
Distribution



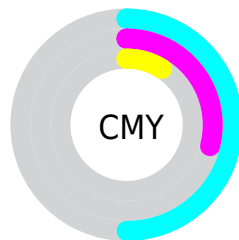
- Red (50%)
- Green (71%)
- Blue (91%)



- Red (50%)
- Yellow (64%)
- Blue (91%)



- Cyan (45%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)




- Cyan (50%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RGB color 128, 180, 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 128, 180, 232 by changing the saturation by 10% instead.


 128, 180, 232

 128, 180, 232


255, 255, 255

 100, 153, 204

 185, 236, 255

 71, 127, 176


 214, 255, 255


 40, 102, 149

 243, 255, 255

 0, 79, 123

 0, 56, 98

 0, 35, 74


 0, 12, 51


 0, 2, 29


 0, 0, 0

 128, 180, 232


 128, 180, 232

 105, 168, 232


 151, 192, 232


 82, 157, 232


 174, 203, 232

 58, 145, 232

 198, 215, 232

 35, 134, 232

 221, 226, 232

 12, 122, 232

 244, 238, 232

 0, 116, 232

 255, 250, 232

 255, 255, 232

Harmonies

Analogous

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



91, 187, 221



128, 180, 232



171, 170, 228

Triad

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



128, 180, 232



233, 155, 154



139, 187, 140

Complementary

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



128, 180, 232



232, 180, 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.



172, 181, 122



128, 180, 232



223, 162, 130

Square

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



128, 180, 232



228, 154, 183



201, 171, 118



106, 191, 168

Rectangle

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



128, 180, 232



196, 163, 217



201, 171, 118



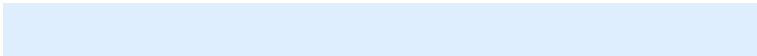
150, 185, 133

Sweetspot

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



128, 180, 232



222, 238, 255



128, 232, 180



107, 117, 128



0, 0, 0



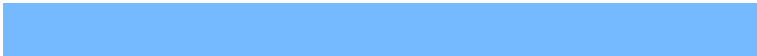
128, 128, 128

Same Dimension

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



128, 180, 232



117, 186, 255



128, 128, 232



103, 109, 115



0, 89, 179



0, 26, 51

Inverse Universe

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



232, 128, 180



255, 117, 186



232, 232, 128



115, 103, 109



179, 0, 89



51, 0, 26

Previews

White Background



This preview shows how the RGB color 128, 180, 232 looks on a white background.

Color Contrast Check

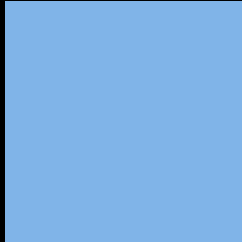
Large Text (above 18pt) WCAG AA × Fail

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 128, 180, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

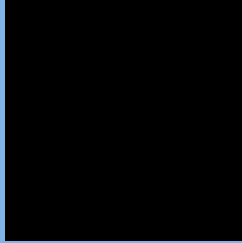
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

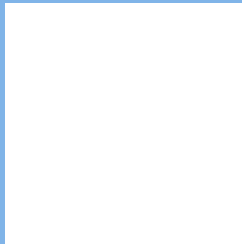
Any Text WCAG AAA ✓ Pass

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

RGB 128, 180, 232 Background



This preview shows how black text looks on a background with the RGB color 128, 180, 232.

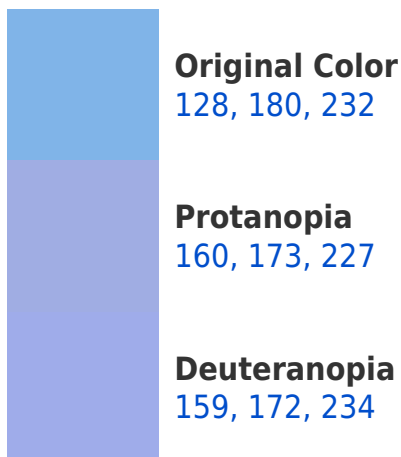


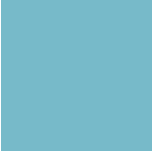
This preview shows how white text looks on a background with the RGB color 128, 180, 232.

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](#).

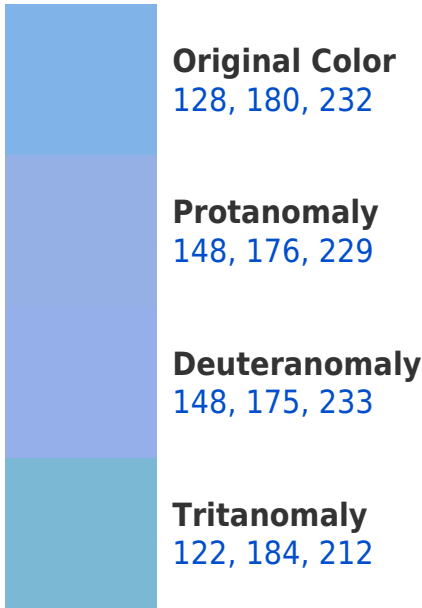
Dichromacy



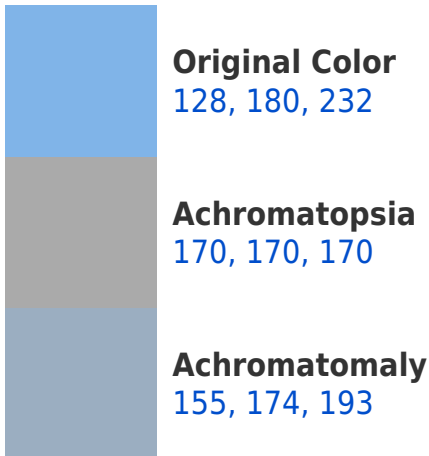


Tritanopia
119, 186, 201

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 180, 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(128, 180, 232)` looks like.

```
.text, #text, p{  
    color:rgb(128, 180, 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(128, 180, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 180, 232) }
```

Border

The CSS property to change the border of an element to RGB 128, 180, 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(128, 180, 232) }
```

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

```
.border{ border-color:rgb(128, 180, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 180, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 180, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 180, 232);  
box-shadow:4px 4px 4px 4px rgb(128, 180,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 128, 180, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 180, 232) }
```

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

```
.background{ background-color: rgb(128,  
180, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor