

Converting Colors

RGB(128, 182, 208)

Have a look what the booklet for
RGB(128, 182, 208) contains.

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Color

RGB(128, 182, 208)

Conversions

Conversions Part 1

Format	Color
Hex	80B6D0
RGB	128, 182, 208
RGB Percent	50%, 71%, 82%
CMY	0.4980, 0.2863, 0.1843
CMYK	0.38, 0.12, 0.00, 0.18
HSL	200°, 46%, 66%
HSV	200°, 38%, 82%
XYZ	37.0152, 42.5992, 65.9461
YIQ	168.8180, -40.5300, -3.3620

Conversions

Conversions Part 2

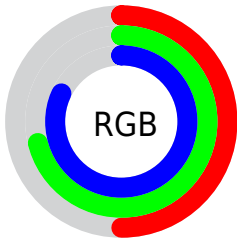
Format	Color
R _{YB}	128, 160, 208
Decimal	8435408
CIE _{Lab}	71.28, -11.08, -18.73
CIE _{LCh}	71, 21.763, 239.384
Yxy	42.5992, 0.2543, 0.2927
Android (android.graphics.Color)	4286625488 (0xFF80B6D0)
YUV	168.8180, 19.3167, -35.7974
Hunter-Lab	65.2680, -12.9870, -14.2183

Details

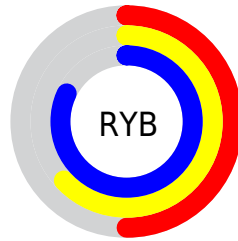
The RGB color **128, 182, 208** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **208, 154, 128**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **183, 238, 255**, and **74, 129, 154** is the 20% darker color. If you saturate the color by 10%, you get **107, 175, 208**, and if you desaturate by 10%, it is **149, 189, 208**.

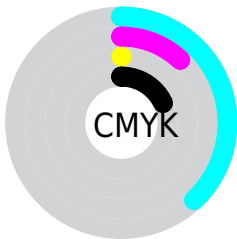
Distribution



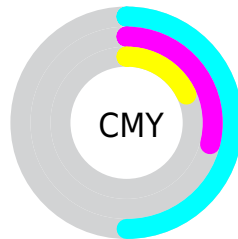
- Red (50%)
- Green (71%)
- Blue (82%)



- Red (50%)
- Yellow (63%)
- Blue (82%)



- Cyan (38%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 182, 208 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, 182, 208 by changing the saturation by 10% instead.

 128, 182, 208


255, 255, 255


 183, 238, 255


 212, 255, 255

 241, 255, 255

 128, 182, 208

 101, 155, 180


 74, 129, 154

 47, 104, 128

 13, 80, 102

 0, 57, 78

 0, 35, 55

 0, 11, 34

 0, 0, 9

 0, 0, 0

■ 128, 182, 208

■ 128, 182, 208

■ 107, 175, 208

■ 149, 189, 208

■ 86, 168, 208

■ 170, 196, 208

■ 66, 162, 208

■ 190, 202, 208

■ 45, 155, 208

■ 211, 209, 208

■ 24, 148, 208

■ 232, 216, 208

■ 3, 141, 208

■ 253, 223, 208

■ 0, 140, 208

■ 255, 229, 208

■ 255, 236, 208

■ 255, 243, 208

Harmonies

Analogous

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



119, 185, 193



128, 182, 208



151, 176, 214

Triad

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



128, 182, 208



213, 161, 176



169, 179, 140

Complementary

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



128, 182, 208



208, 154, 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.



190, 173, 135



128, 182, 208



215, 162, 156

Square

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



128, 182, 208



200, 164, 195



207, 167, 141



146, 184, 154

Rectangle

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



128, 182, 208



169, 172, 212



207, 167, 141



176, 177, 137

Sweetspot

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



128, 182, 208



224, 245, 255



128, 208, 153



110, 122, 128



0, 0, 0



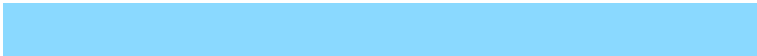
128, 128, 128

Same Dimension

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



128, 182, 208



138, 217, 255



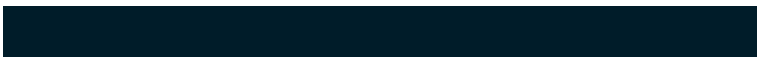
128, 143, 208



94, 101, 105



0, 114, 168



0, 28, 41

Inverse Universe

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



208, 128, 182



255, 138, 217



208, 193, 128



105, 94, 101



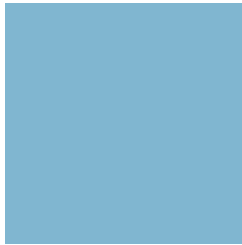
168, 0, 114



41, 0, 28

Previews

White Background



This preview shows how the RGB color 128, 182, 208 looks on a white background.

Color Contrast Check

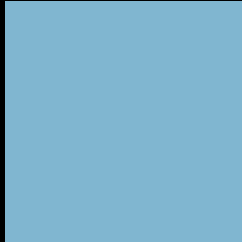
Large Text (above 18pt) WCAG AA × Fail

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, 182, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

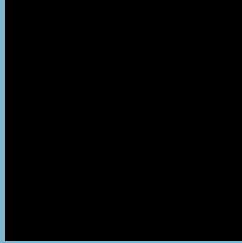
Any Text WCAG AA ✓ Pass

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, 182, 208 Background



This preview shows how black text looks on a background with the RGB color 128, 182, 208.

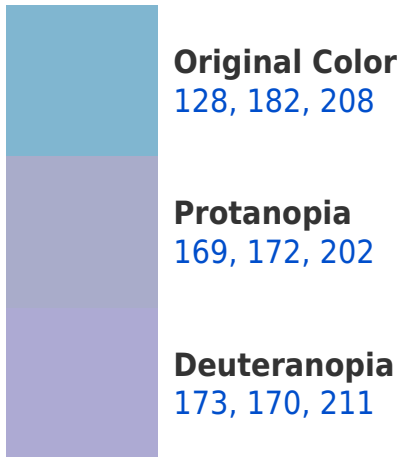


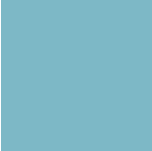
This preview shows how white text looks on a background with the RGB color 128, 182, 208.

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](#).

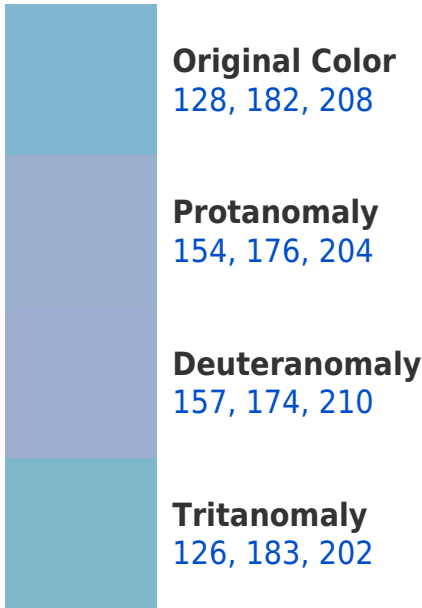
Dichromacy



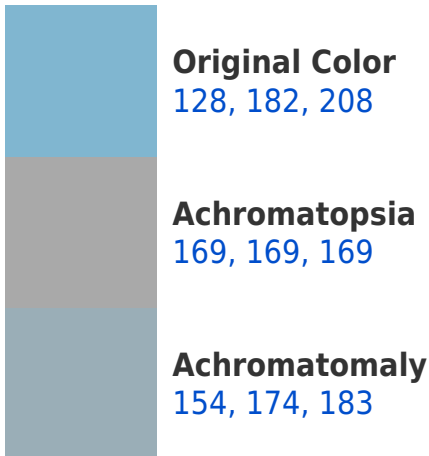


Tritanopia
125, 184, 198

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 182, 208 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, 182, 208)` looks like.

```
.text, #text, p{  
    color:rgb(128, 182, 208)  
}
```

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, 182, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 182, 208) }
```

Border

The CSS property to change the border of an element to RGB 128, 182, 208 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, 182, 208) }
```

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

```
.border{ border-color:rgb(128, 182, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 182, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 182, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 182, 208);  
box-shadow:4px 4px 4px 4px rgb(128, 182,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 128, 182, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 182, 208) }
```

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

```
.background{ background-color: rgb(128,  
182, 208) }
```

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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