

Converting Colors

RGB(128, 171, 196)

Have a look what the booklet for
RGB(128, 171, 196) contains.

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Color

RGB(128, 171, 196)

Conversions

Conversions Part 1

Format	Color
Hex	80ABC4
RGB	128, 171, 196
RGB Percent	50%, 67%, 77%
CMY	0.4980, 0.3294, 0.2314
CMYK	0.35, 0.13, 0.00, 0.23
HSL	202°, 37%, 64%
HSV	202°, 35%, 77%
XYZ	33.4288, 37.7005, 57.7396
YIQ	160.9930, -33.6530, -1.3410

Conversions

Conversions Part 2

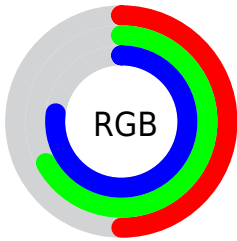
Format	Color
RYB	128, 154, 196
Decimal	8432580
CIELab	67.80, -8.27, -17.40
CIElCh	68, 19.265, 244.589
Yxy	37.7005, 0.2594, 0.2925
Android (android.graphics.Color)	4286622660 (0xFF80ABC4)
YUV	160.9930, 17.2585, -28.9349
Hunter-Lab	61.4008, -10.2695, -12.7742

Details

The RGB color **128, 171, 196** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **196, 153, 128**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **183, 226, 253**, and **76, 119, 142** is the 20% darker color. If you saturate the color by 10%, you get **108, 164, 196**, and if you desaturate by 10%, it is **148, 178, 196**.

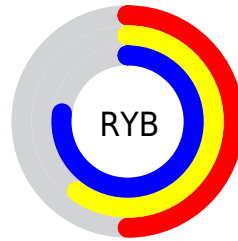
Distribution



Red (50%)

Green (67%)

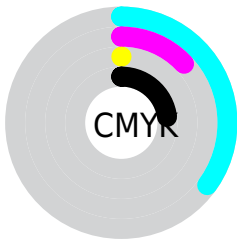
Blue (77%)



Red (50%)

Yellow (60%)

Blue (77%)

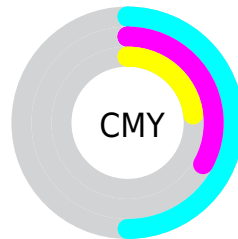


Cyan (35%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (50%)

Magenta (33%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 171, 196 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, 171, 196 by changing the saturation by 10% instead.

 128, 171, 196


255, 255, 255


 183, 226, 253


 211, 255, 255

 240, 255, 255

 128, 171, 196

 102, 144, 169

 76, 119, 142

 50, 94, 117

 22, 71, 92

 0, 48, 68

 0, 28, 46

 0, 1, 26

 0, 0, 0

 128, 171, 196

 128, 171, 196

■ 108, 164, 196

■ 148, 178, 196

■ 89, 157, 196

■ 167, 185, 196

■ 69, 149, 196

■ 187, 193, 196

■ 50, 142, 196

■ 206, 200, 196

■ 30, 135, 196

■ 226, 207, 196

■ 10, 128, 196

■ 246, 214, 196

■ 0, 124, 196

■ 255, 221, 196

■ 255, 229, 196

■ 255, 236, 196

Harmonies

Analogous

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



118, 174, 184



128, 171, 196



149, 166, 199

Triad

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



128, 171, 196



200, 153, 163



157, 170, 136

Complementary

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



128, 171, 196



196, 153, 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.



176, 165, 131



128, 171, 196



200, 155, 146

Square

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



128, 171, 196



190, 155, 180



191, 159, 134



137, 174, 150

Rectangle

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



128, 171, 196



164, 162, 197



191, 159, 134



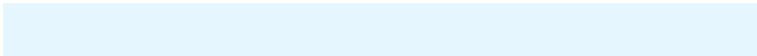
163, 169, 133

Sweetspot

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



128, 171, 196



230, 246, 255



128, 196, 153



112, 122, 128



0, 0, 0



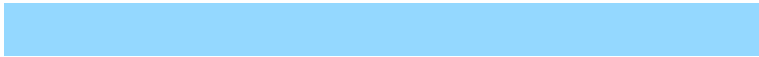
128, 128, 128

Same Dimension

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



128, 171, 196



148, 216, 255



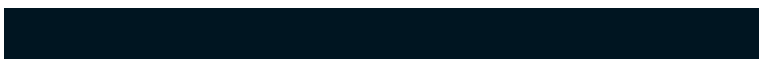
128, 137, 196



87, 93, 97



0, 102, 161



0, 21, 33

Inverse Universe

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



196, 128, 171



255, 148, 216



196, 187, 128



97, 87, 93



161, 0, 102



33, 0, 21

Previews

White Background



This preview shows how the RGB color 128, 171, 196 looks on a white background.

Color Contrast Check

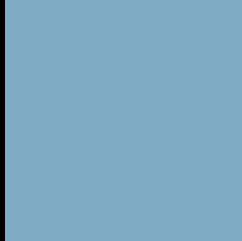
Large Text (above 18pt) WCAG AA × Fail

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, 171, 196 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

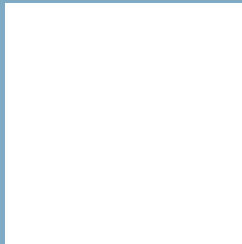
Any Text WCAG AAA ✓ Pass

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

RGB 128, 171, 196 Background



This preview shows how black text looks on a background with the RGB color 128, 171, 196.

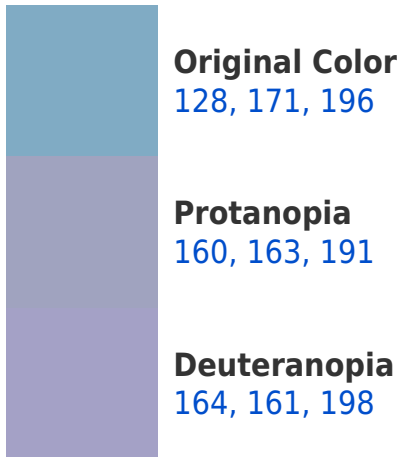



This preview shows how white text looks on a background with the RGB color 128, 171, 196.

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](#).

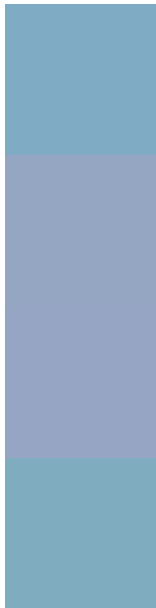
Dichromacy





Tritanopia
126, 173, 186

Trichromacy



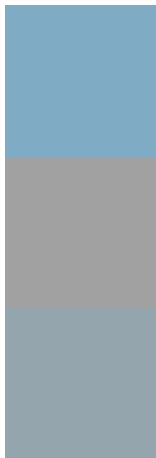
Original Color
128, 171, 196

Protanomaly
148, 166, 193

Deuteranomaly
151, 165, 197

Tritanomaly
127, 172, 190

Monochromacy



Original Color
128, 171, 196

Achromatopsia
161, 161, 161

Achromatomaly
149, 165, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 171, 196 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, 171, 196)` looks like.

```
.text, #text, p{  
    color:rgb(128, 171, 196)  
}
```

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, 171, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 171, 196) }
```

Border

The CSS property to change the border of an element to RGB 128, 171, 196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

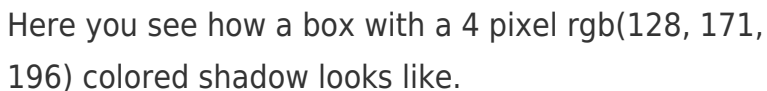
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 171, 196) }
```

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

```
.border{ border-color:rgb(128, 171, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 171, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 171, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 171, 196); box-shadow:4px 4px 4px 4px rgb(128, 171, 196) }
```

Background

The CSS property to change the background color of an element to RGB 128, 171, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 171, 196) }
```

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

```
.background{ background-color: rgb(128,  
171, 196) }
```

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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