

Converting Colors

RGB(47, 181, 196)

Have a look what the booklet for
RGB(47, 181, 196) contains.

RGB(47, 181, 196)	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(47, 181, 196)

Conversions

Conversions Part 1

Format	Color
Hex	2FB5C4
RGB	47, 181, 196
RGB Percent	18%, 71%, 77%
CMY	0.8157, 0.2902, 0.2314
CMYK	0.76, 0.08, 0.00, 0.23
HSL	186°, 61%, 48%
HSV	186°, 76%, 77%
XYZ	27.6600, 37.6376, 58.0315
YIQ	142.6440, -84.6790, -23.7430

Conversions

Conversions Part 2

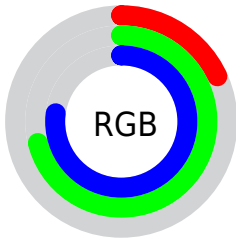
Format	Color
R _Y B	47, 118, 196
Decimal	3126724
CIE Lab	67.75, -29.66, -17.75
CIE LCh	68, 34.570, 210.902
Yxy	37.6376, 0.2243, 0.3052
Android (android.graphics.Color)	4281316804 (0xFF2FB5C4)
YUV	142.6440, 26.3045, -83.8798
Hunter-Lab	61.3495, -26.8833, -13.1387

Details

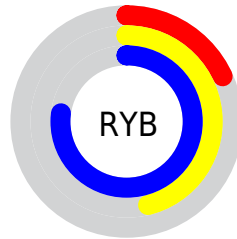
The RGB color **47, 181, 196** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **196, 62, 47**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **117, 237, 253**, and **0, 128, 142** is the 20% darker color. If you saturate the color by 10%, you get **27, 179, 196**, and if you desaturate by 10%, it is **67, 183, 196**.

Distribution



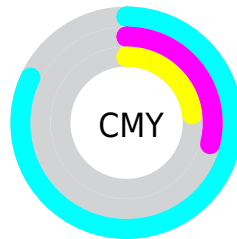
- Red (18%)
- Green (71%)
- Blue (77%)



- Red (18%)
- Yellow (46%)
- Blue (77%)



- Cyan (76%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)




















- Cyan (82%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 47, 181, 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 47, 181, 196 by changing the saturation by 10% instead.

 47, 181, 196	 47, 181, 196
 255, 255, 255	 0, 154, 169
 117, 237, 253	 0, 128, 142
 148, 255, 255	 0, 102, 117
 178, 255, 255	 0, 78, 92
 208, 255, 255	 0, 54, 69
 239, 255, 255	 0, 34, 46
	 0, 1, 26
	 0, 0, 0

 47, 181, 196  47, 181, 196

■ 27, 179, 196

■ 67, 183, 196

■ 8, 177, 196

■ 86, 185, 196

■ 0, 176, 196

■ 106, 187, 196

■ 125, 189, 196

■ 145, 191, 196

■ 165, 193, 196

■ 184, 195, 196

■ 204, 197, 196

■ 223, 199, 196

Harmonies

Analogous

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



76, 182, 165



47, 181, 196



72, 176, 219

Triad

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



47, 181, 196



205, 146, 196



185, 163, 102

Complementary

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



47, 181, 196



196, 62, 47

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.



211, 153, 111



47, 181, 196



224, 141, 165

Square

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



47, 181, 196



170, 157, 219



225, 144, 135



152, 173, 111

Rectangle

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



47, 181, 196



105, 171, 226



225, 144, 135



195, 160, 103

Sweetspot

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



47, 181, 196



196, 249, 255



47, 196, 62



92, 124, 128



0, 0, 0



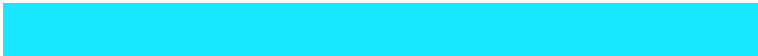
128, 128, 128

Same Dimension

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



47, 181, 196



23, 232, 255



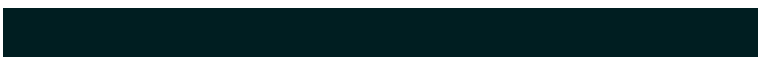
47, 107, 196



87, 96, 97



0, 144, 161



0, 30, 33

Inverse Universe

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



196, 47, 181



255, 23, 232



196, 136, 47



97, 87, 96



161, 0, 144



33, 0, 30

Previews

White Background



This preview shows how the RGB color 47, 181, 196 looks on a white background.

Color Contrast Check

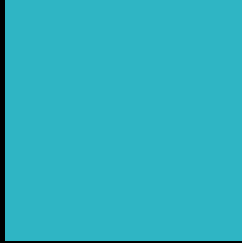
Large Text (above 18pt) WCAG AA × Fail

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 47, 181, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

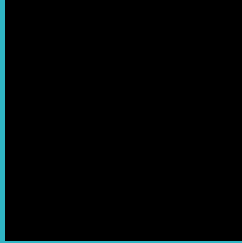
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

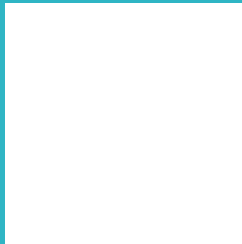
Any Text WCAG AAA ✓ Pass

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

RGB 47, 181, 196 Background



This preview shows how black text looks on a background with the RGB color 47, 181, 196.

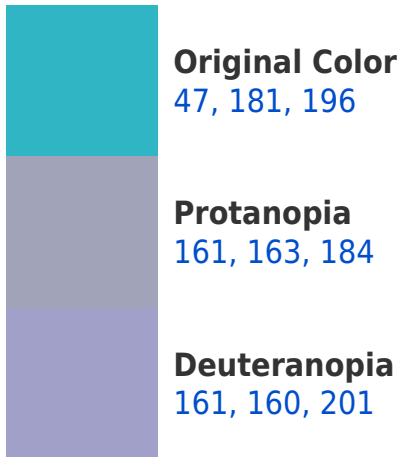


This preview shows how white text looks on a background with the RGB color 47, 181, 196.

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
47, 181, 196

Trichromacy



Original Color

47, 181, 196



Protanomaly

120, 170, 188



Deuteranomaly

120, 168, 199



Tritanomaly

47, 181, 196

Monochromacy



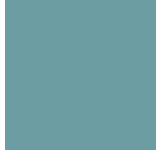
Original Color

47, 181, 196



Achromatopsia

143, 143, 143



Achromatomaly

108, 157, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 47, 181, 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(47, 181, 196)` looks like.

```
.text, #text, p{  
    color:rgb(47, 181, 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(47, 181, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 181, 196) }
```

Border

The CSS property to change the border of an element to RGB 47, 181, 196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

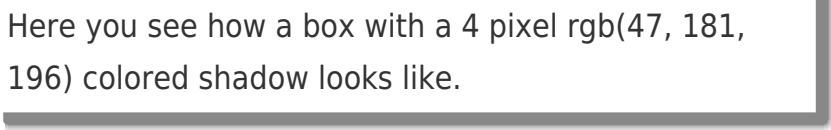
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(47, 181, 196) }
```

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

```
.border{ border-color:rgb(47, 181, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(47, 181, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(47, 181, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(47, 181, 196); box-shadow:4px 4px 4px 4px rgb(47, 181, 196) }
```

Background

The CSS property to change the background color of an element to RGB 47, 181, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 181, 196) }
```

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

```
.background{ background-color: rgb(47, 181,  
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](#).

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