

Converting Colors

Hex(48B197)

Have a look what the booklet for
Hex(48B197) contains.

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Color

Hex(48B197)

Conversions

Conversions Part 1

Format	Color
Hex	48B197
RGB	72, 177, 151
RGB Percent	28%, 69%, 59%
CMY	0.7176, 0.3059, 0.4078
CMYK	0.59, 0.00, 0.15, 0.31
HSL	165°, 42%, 49%
HSV	165°, 59%, 69%
XYZ	23.9805, 35.0564, 34.7808
YIQ	142.6410, -54.2340, -30.3460

Conversions

Conversions Part 2

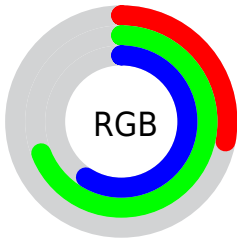
Format	Color
RYB	72, 132, 177
Decimal	4764055
CIELab	65.79, -36.61, 4.30
CIElCh	66, 36.862, 173.294
Yxy	35.0564, 0.2556, 0.3737
Android (android.graphics.Color)	4282954135 (0xFF48B197)
YUV	142.6410, 4.1210, -61.9522
Hunter-Lab	59.2084, -31.3188, 6.6172

Details

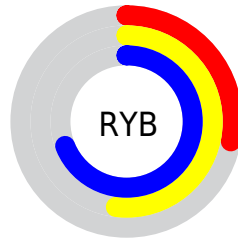
The Hex color **48B197** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B14862**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **82E9CD**, and **007C64** is the 20% darker color. If you saturate the color by 10%, you get **36B193**, and if you desaturate by 10%, it is **5AB19B**.

Distribution



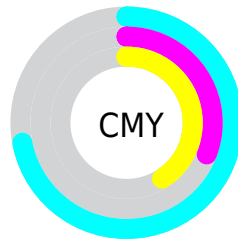
- Red (28%)
- Green (69%)
- Blue (59%)



- Red (28%)
- Yellow (52%)
- Blue (69%)



- Cyan (59%)
- Magenta (0%)
- Yellow (15%)
- Black (31%)



- Cyan (72%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48B197 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 Hex color 48B197 by changing the saturation by 10% instead.

 48B197

 48B197

FFFFFF

 27967D

 82E9CD

 007C64

 9FFFE9

 00624C

 BCFFFF

 004A36

 D9FFFF

 003220

 F7FFFF

 001D0A

 000000

 48B197

 48B197

 36B193

 5AB19B

■ 25B18E

■ 6BB1A0

■ 13B18A

■ 7DB1A4

■ 01B185

■ 8FB1A9

■ 00B185

■ A1B1AD

■ B2B1B1

■ C4B1B6

■ D6B1BA

■ E7B1BE

Harmonies

Analogous

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



75AD77



48B197



0AB1B9

Triad

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



48B197



999ADC



D5906C

Complementary

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



48B197



B14862

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.



E08787



48B197



C28EC8

Square

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



48B197



62A5E1



DB87A9



BC9B5E

Rectangle

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



48B197



02AFCC



DB87A9



DA8C74

Sweetspot

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



48B197



BCE6DB



62B148



5A736C



F2F2F2



737373

Same Dimension

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



48B197



43E6BD



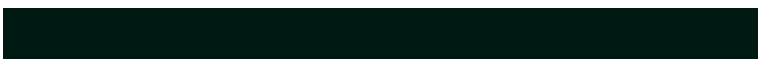
4897B1



505957



009973



001A13

Inverse Universe

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



B14862



E6436B



B16248



595053



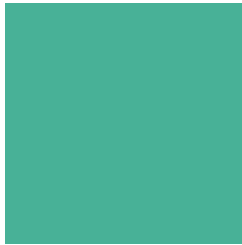
990026



1A0006

Previews

White Background



This preview shows how the Hex color 48B197 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 Hex color 48B197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

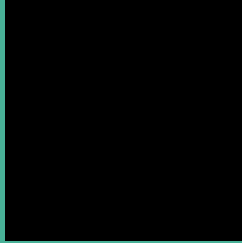
Any Text WCAG AA ✓ Pass

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](#).

Hex 48B197 Background



This preview shows how black text looks on a background with the Hex color 48B197.

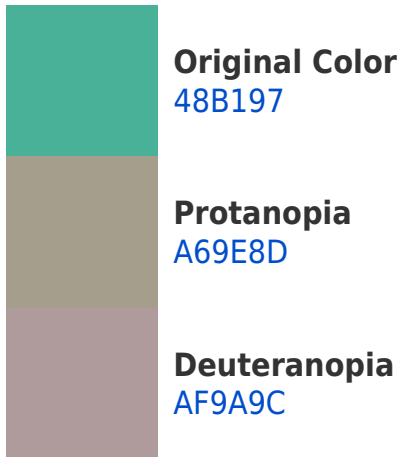


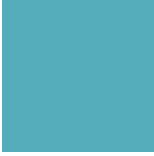
This preview shows how white text looks on a background with the Hex color 48B197.

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](#).

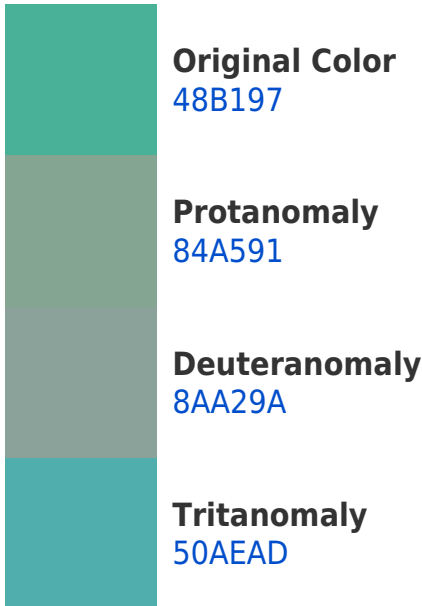
Dichromacy



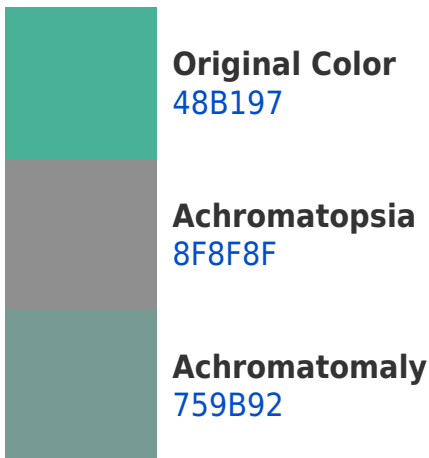


Tritanopia
55ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48B197 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 #48B197 looks like.

```
.text, #text, p{  
    color:#48B197  
}
```

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 #48B197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48B197
}
```

Border

The CSS property to change the border of an element to Hex 48B197 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
#48B197 }
```

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

```
.border{ border-color:#48B197 }
```

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

Here you see how a box with a 4 pixel #48B197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48B197; -webkit-box-shadow:4px 4px  
4px 4px #48B197; box-shadow:4px 4px 4px  
4px #48B197 }
```

Background

The CSS property to change the background color of an element to Hex 48B197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48B197 }
```

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

```
.background{ background-color:#48B197 }
```

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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