

Converting Colors

Hex(50B292)

Have a look what the booklet for
Hex(50B292) contains.

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Color

Hex(50B292)

Conversions

Conversions Part 1

Format	Color
Hex	50B292
RGB	80, 178, 146
RGB Percent	31%, 70%, 57%
CMY	0.6863, 0.3020, 0.4275
CMYK	0.55, 0.00, 0.18, 0.30
HSL	160°, 39%, 51%
HSV	160°, 55%, 70%
XYZ	24.4170, 35.6216, 32.7829
YIQ	145.0500, -48.1360, -30.7280

Conversions

Conversions Part 2

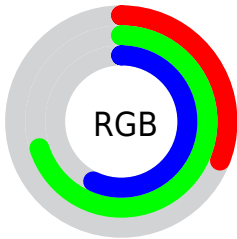
Format	Color
RYB	80, 139, 178
Decimal	5288594
CIELab	66.23, -36.59, 7.73
CIELCh	66, 37.397, 168.074
Yxy	35.6216, 0.2631, 0.3838
Android (android.graphics.Color)	4283478674 (0xFF50B292)
YUV	145.0500, 0.4684, -57.0488
Hunter-Lab	59.6838, -31.4214, 9.2121

Details

The Hex color **50B292** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B25070**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **89EAC8**, and **067D60** is the 20% darker color. If you saturate the color by 10%, you get **3EB28C**, and if you desaturate by 10%, it is **62B298**.

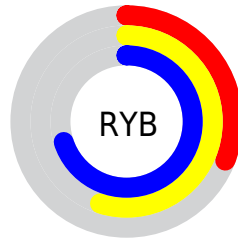
Distribution



Red (31%)

Green (70%)

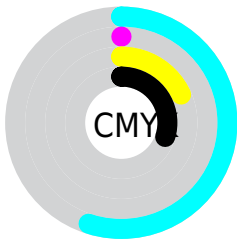
Blue (57%)



Red (31%)

Yellow (55%)

Blue (70%)

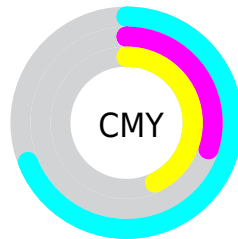


Cyan (55%)

Magenta (0%)

Yellow (18%)

Black (30%)



Cyan (69%)

Magenta (30%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50B292 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 50B292 by changing the saturation by 10% instead.



50B292



50B292

FFFFFF



329778



89EAC8



067D60



A5FFE4



006348



C2FFFF



004A31



DFFFFF



00331C



FDFFFF



001E03



000000



50B292



50B292



3EB28C



62B298

 2CB286

 74B29E

 1BB281

 85B2A3

 09B27B

 97B2A9

 00B278

 A9B2AF

 BBB2B5

 CDB2BB

 DEB2C0

 F0B2C6

Harmonies

Analogous

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



7CAD73



50B292



13B3B5

Triad

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



50B292



919DE1



DA8F70

Complementary

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



50B292



B25070

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.



E2878E



50B292



BE91CE

Square

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



50B292



57A8E2



DA88B0



C39A5F

Rectangle

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



50B292



00B1C9



DA88B0



DE8C79

Sweetspot

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



50B292



C1E8DB



71B250



5E756E



F5F5F5



757575

Same Dimension

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



50B292



4FE8B6



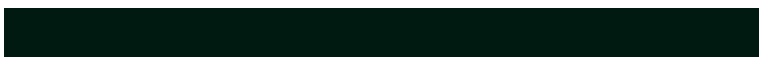
50A2B2



505956



009967



001A11

Inverse Universe

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



B25070



E84F81



B26050



595053



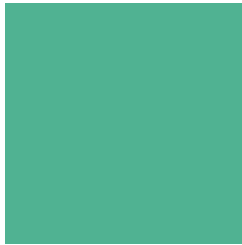
990032



1A0008

Previews

White Background



This preview shows how the Hex color 50B292 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 50B292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

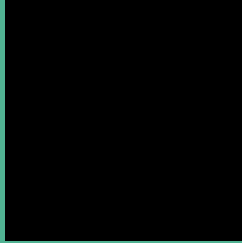
Any Text WCAG AA ✓ Pass

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 50B292 Background



This preview shows how black text looks on a background with the Hex color 50B292.

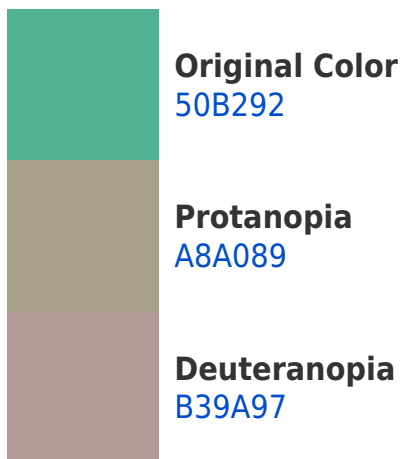


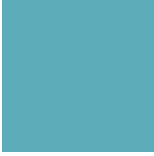
This preview shows how white text looks on a background with the Hex color 50B292.

Color Blindness Simulation

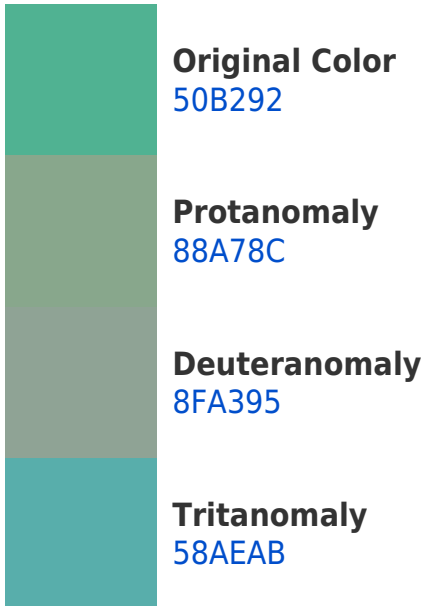
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

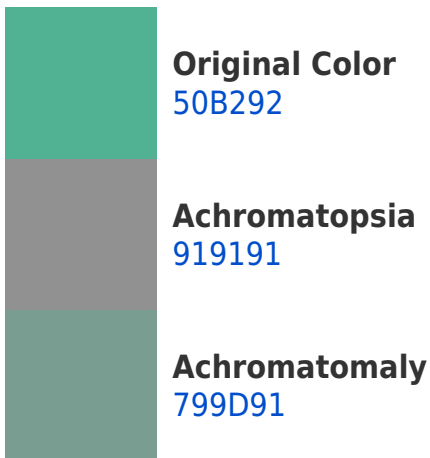




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50B292 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 #50B292 looks like.

```
.text, #text, p{  
    color:#50B292  
}
```

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 #50B292 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50B292  
}
```

Border

The CSS property to change the border of an element to Hex 50B292 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  
#50B292 }
```

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

```
.border{ border-color:#50B292 }
```

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

Here you see how a box with a 4 pixel #50B292 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50B292; -webkit-box-shadow:4px 4px  
4px 4px #50B292; box-shadow:4px 4px 4px  
4px #50B292 }
```

Background

The CSS property to change the background color of an element to Hex 50B292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50B292 }
```

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

```
.background{ background-color:#50B292 }
```

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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