

Converting Colors

Hex(50D498)

Have a look what the booklet for
Hex(50D498) contains.

Hex(50D498)	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

Hex(50D498)

Conversions

Conversions Part 1

Format	Color
Hex	50D498
RGB	80, 212, 152
RGB Percent	31%, 83%, 60%
CMY	0.6863, 0.1686, 0.4039
CMYK	0.62, 0.00, 0.28, 0.17
HSL	153°, 61%, 57%
HSV	153°, 62%, 83%
XYZ	32.5192, 51.0594, 37.8473
YIQ	165.6920, -59.4120, -46.6440

Conversions

Conversions Part 2

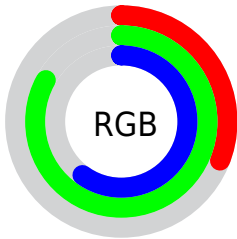
Format	Color
RYB	80, 165, 212
Decimal	5297304
CIELab	76.71, -49.93, 19.23
CIELCh	77, 53.503, 158.934
Yxy	51.0594, 0.2678, 0.4205
Android (android.graphics.Color)	4283487384 (0xFF50D498)
YUV	165.6920, -6.7502, -75.1519
Hunter-Lab	71.4559, -43.8133, 18.6156

Details

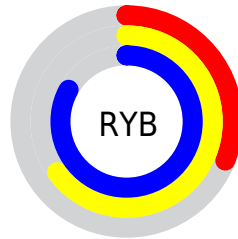
The Hex color **50D498** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D4508C**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **8DFFCE**, and **009C65** is the 20% darker color. If you saturate the color by 10%, you get **3BD48E**, and if you desaturate by 10%, it is **65D4A2**.

Distribution



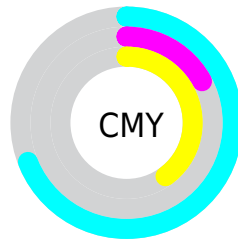
- Red (31%)
- Green (83%)
- Blue (60%)



- Red (31%)
- Yellow (65%)
- Blue (83%)



- Cyan (62%)
- Magenta (0%)
- Yellow (28%)
- Black (17%)



- Cyan (69%)
- Magenta (17%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50D498 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 50D498 by changing the saturation by 10% instead.

 50D498

 50D498

FFFFFF

 2CB87E

 8DFFCE

 009C65

 ABFFEB

 00824D

 C8FFFF

 006835

 E6FFFF

 004E1F

 003609

 001F00

 000000

 50D498

 50D498

 3BD48E

 65D4A2

 26D485

 7AD4AB

 10D47B

 90D4B5

 00D474

 A5D4BF

 BAD4C8

 CFD4D2

 E4D4DB

 FAD4E5

 FFD4EF

Harmonies

Analogous

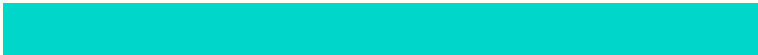
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97CC6D



50D498



00D7CB

Triad

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



50D498



85BEFF



FF9D82

Complementary

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



50D498



D4508C

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.



FF94B0



50D498



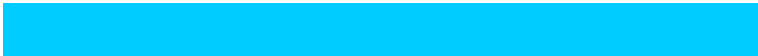
D5ABFF

Square

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



50D498



00CCFF



FF99E2



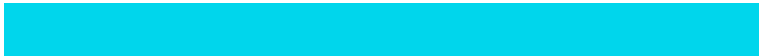
F8AE60

Rectangle

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



50D498



00D6EC



FF99E2



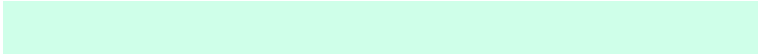
FF9890

Sweetspot

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



50D498



CFFFE9



8ED450



628072



000000



808080

Same Dimension

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



50D498



40FFA8



50D0D4



606B66



00AB5D



002B18

Inverse Universe

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



D4508C



FF4097



D45450



6B6065



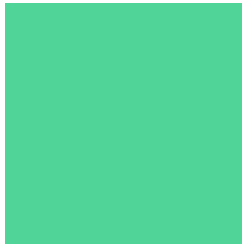
AB004E



2B0014

Previews

White Background



This preview shows how the Hex color 50D498 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 50D498 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 50D498 Background



This preview shows how black text looks on a background with the Hex color 50D498.

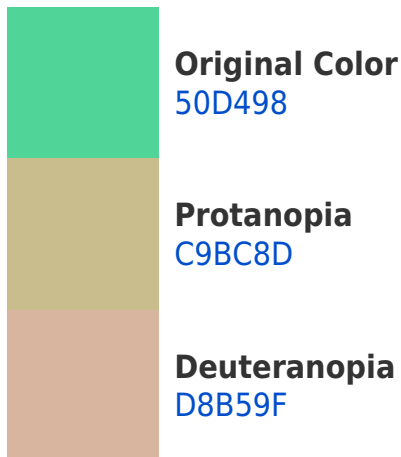


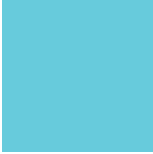
This preview shows how white text looks on a background with the Hex color 50D498.

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



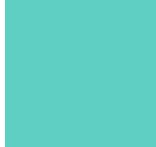
Original Color
50D498



Protanomaly
9DC591



Deuteranomaly
A7C09C



Tritanomaly
5FCEC3

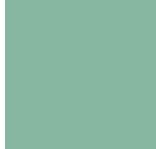
Monochromacy



Original Color
50D498



Achromatopsia
A6A6A6



Achromatomaly
87B7A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 50D498 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 #50D498 looks like.

```
.text, #text, p{  
    color:#50D498  
}
```

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 #50D498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50D498
}
```

Border

The CSS property to change the border of an element to Hex 50D498 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
#50D498 }
```

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

```
.border{ border-color:#50D498 }
```

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

Here you see how a box with a 4 pixel #50D498 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50D498; -webkit-box-shadow:4px 4px  
4px 4px #50D498; box-shadow:4px 4px 4px  
4px #50D498 }
```

Background

The CSS property to change the background color of an element to Hex 50D498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50D498 }
```

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

```
.background{ background-color:#50D498 }
```

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