

Converting Colors

Hex(50C07C)

Have a look what the booklet for
Hex(50C07C) contains.

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Color

Hex(50C07C)

Conversions

Conversions Part 1

Format	Color
Hex	50C07C
RGB	80, 192, 124
RGB Percent	31%, 75%, 49%
CMY	0.6863, 0.2471, 0.5137
CMYK	0.58, 0.00, 0.35, 0.25
HSL	144°, 47%, 53%
HSV	144°, 58%, 75%
XYZ	25.7960, 40.8600, 25.5960
YIQ	150.7600, -44.9240, -44.8920

Conversions

Conversions Part 2

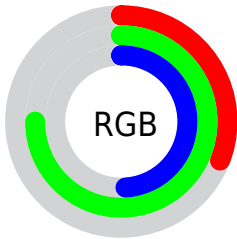
Format	Color
RYB	80, 160, 192
Decimal	5292156
CIELab	70.08, -47.30, 24.98
CIELCh	70, 53.490, 152.165
Yxy	40.8600, 0.2796, 0.4429
Android (android.graphics.Color)	4283482236 (0xFF50C07C)
YUV	150.7600, -13.1927, -62.0565
Hunter-Lab	63.9218, -39.8285, 21.0040

Details

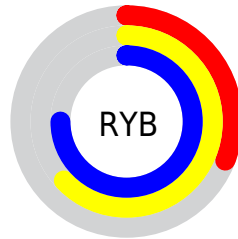
The Hex color **50C07C** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C05094**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8AF9B1**, and **00894A** is the 20% darker color. If you saturate the color by 10%, you get **3DC070**, and if you desaturate by 10%, it is **63C088**.

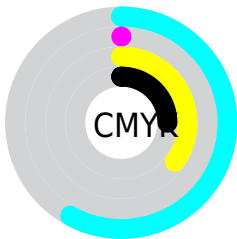
Distribution



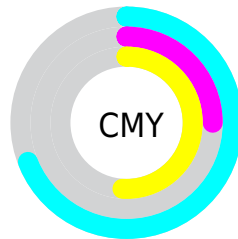
- Red (31%)
- Green (75%)
- Blue (49%)



- Red (31%)
- Yellow (63%)
- Blue (75%)



- Cyan (58%)
- Magenta (0%)
- Yellow (35%)
- Black (25%)



- Cyan (69%)
- Magenta (25%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50C07C 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 50C07C by changing the saturation by 10% instead.

 50C07C

 50C07C


FFFFFF

 30A463

 8AF9B1

 00894A

 A7FFCD

 006F33

 C4FFE9

 00561C

 E2FFFF

 003D05

 002800

 000100

 000000

 50C07C

 50C07C

 3DC070

 63C088

 2AC065

 76C093

 16C059

 8AC09F

 03C04D

 9DC0AB

 00C04B

 B0C0B6

 C3C0C2

 D6C0CE

 EAC0D9

 FDC0E5

Harmonies

Analogous

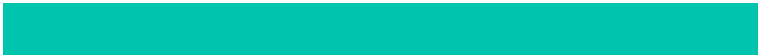
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92B855



50C07C



00C4AD

Triad

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



50C07C



56AFFF



FF887A

Complementary

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



50C07C



C05094

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.



FF81AA



50C07C



B39DFE

Square

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



50C07C



00BCFF



EA8BDA



EB9855

Rectangle

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



50C07C



00C3CE



EA8BDA



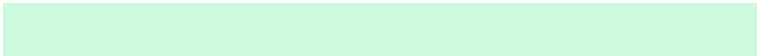
FF8489

Sweetspot

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



50C07C



CDFADF



95C050



617D6C



FCFCFC



7D7D7D

Same Dimension

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



50C07C



4BFA90



50C0B3



57615B



00A13F



00210D

Inverse Universe

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



C05094



FA4BB5



C0505D



61575D



A10062



210014

Previews

White Background



This preview shows how the Hex color 50C07C looks on a white background.

Color Contrast Check

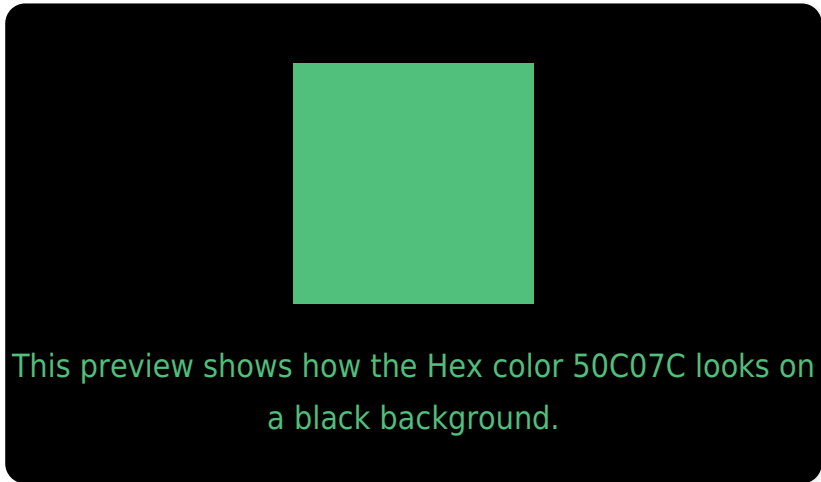
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

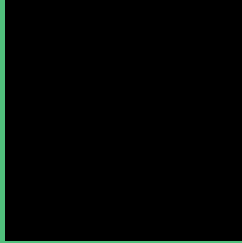
Any Text WCAG AA ✓ Pass

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 50C07C Background



This preview shows how black text looks on a background with the Hex color 50C07C.

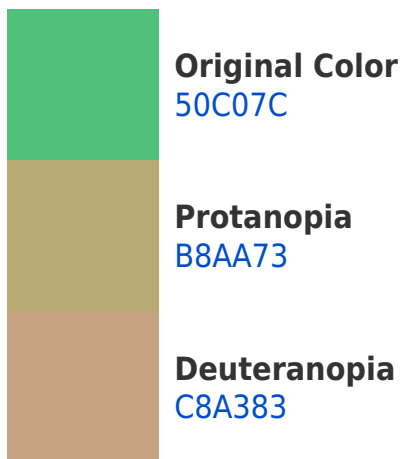


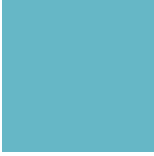
This preview shows how white text looks on a background with the Hex color 50C07C.

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
66B7C6

Trichromacy



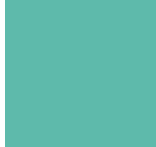
Original Color
50C07C



Protanomaly
92B276



Deuteranomaly
9CAE80



Tritanomaly
5EBAAB

Monochromacy



Original Color
50C07C



Achromatopsia
979797



Achromatomaly
7DA68D

CSS Examples

Text

The CSS property to change the color of the text to Hex 50C07C 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 #50C07C looks like.

```
.text, #text, p{  
    color:#50C07C  
}
```

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 #50C07C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50C07C
}
```

Border

The CSS property to change the border of an element to Hex 50C07C 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
#50C07C }
```

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

```
.border{ border-color:#50C07C }
```

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

Here you see how a box with a 4 pixel #50C07C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50C07C; -webkit-box-shadow:4px 4px  
4px 4px #50C07C; box-shadow:4px 4px 4px  
4px #50C07C }
```

Background

The CSS property to change the background color of an element to Hex 50C07C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50C07C }
```

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

```
.background{ background-color:#50C07C }
```

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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