

Converting Colors

Hex(50E097)

Have a look what the booklet for
Hex(50E097) contains.

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Color

Hex(50E097)

Conversions

Conversions Part 1

Format	Color
Hex	50E097
RGB	80, 224, 151
RGB Percent	31%, 88%, 59%
CMY	0.6863, 0.1216, 0.4078
CMYK	0.64, 0.00, 0.33, 0.12
HSL	150°, 70%, 60%
HSV	150°, 64%, 88%
XYZ	35.5498, 57.2511, 38.4551
YIQ	172.6220, -62.3910, -53.2310

Conversions

Conversions Part 2

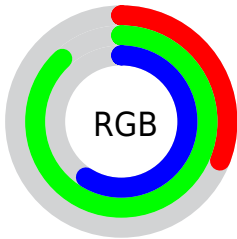
Format	Color
RYB	80, 176, 224
Decimal	5300375
CIELab	80.32, -54.93, 24.70
CIELCh	80, 60.224, 155.788
Yxy	57.2511, 0.2708, 0.4362
Android (android.graphics.Color)	4283490455 (0xFF50E097)
YUV	172.6220, -10.6596, -81.2295
Hunter-Lab	75.6645, -48.5473, 22.8321

Details

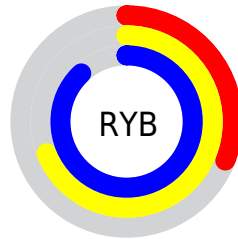
The Hex color **50E097** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E05099**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **8FFFCE**, and **00A864** is the 20% darker color. If you saturate the color by 10%, you get **3AE08C**, and if you desaturate by 10%, it is **66E0A2**.

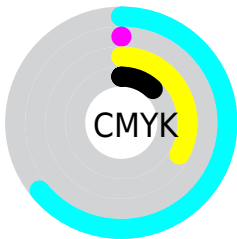
Distribution



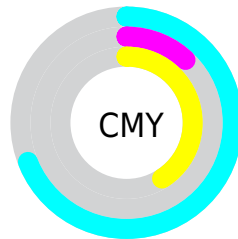
- Red (31%)
- Green (88%)
- Blue (59%)



- Red (31%)
- Yellow (69%)
- Blue (88%)



- Cyan (64%)
- Magenta (0%)
- Yellow (33%)
- Black (12%)



- Cyan (69%)
- Magenta (12%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50E097 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 50E097 by changing the saturation by 10% instead.

 50E097

 50E097

FFFFFF

 2AC37D

 8FFFCE

 00A864

 ADFFEA

 008C4B

 CBFFFF

 007234

 E9FFFF

 00581D

 003F06

 002900

 000200

 000000

 50E097

 50E097

 3AE08C

 66E0A2

 23E080

 7DE0AE

 0DE075

 93E0B9

 00E06E

 AA E0C4

 C0E0D0

 D6E0DB

 EDE0E6

 FFE0F2

 FFE0FD

Harmonies

Analogous

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



A2D768



50E097



00E4D1

Triad

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



50E097



75CAFF



FFA088

Complementary

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



50E097



E05099

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.



FF96BE



50E097



DAB4FF

Square

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



50E097



00D9FF



FF9FF7



FFB460

Rectangle

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



50E097



00E3F6



FF9FF7



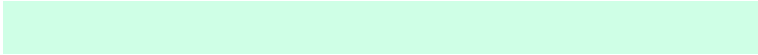
FF9B99

Sweetspot

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



50E097



CFFFE6



9AE050



628071



000000



808080

Same Dimension

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



50E097



3BFF9B



50E0DE



65706B



00B057



003018

Inverse Universe

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



E05099



FF3B9E



E05052



70656B



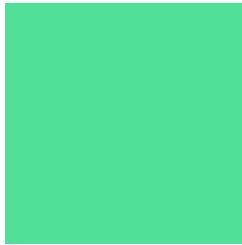
B00059



300019

Previews

White Background



This preview shows how the Hex color 50E097 looks on a white background.

Color Contrast Check

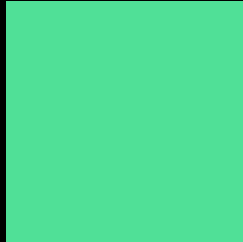
Large Text (above 18pt) WCAG AA × Fail

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 50E097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

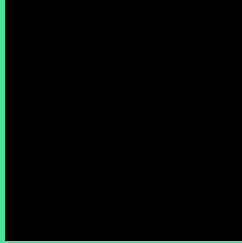
Any Text WCAG AA ✓ Pass

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 50E097 Background



This preview shows how black text looks on a background with the Hex color 50E097.

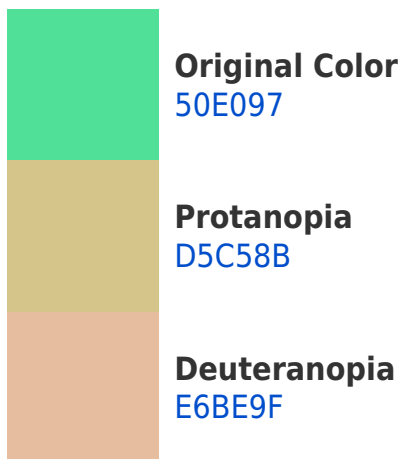


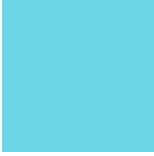
This preview shows how white text looks on a background with the Hex color 50E097.

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
6CD6E7

Trichromacy



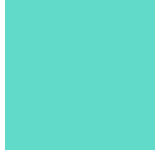
Original Color
50E097



Protanomaly
A5CF8F



Deuteranomaly
AFCA9C

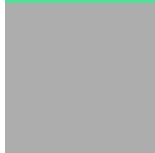


Tritanomaly
62DACA

Monochromacy



Original Color
50E097



Achromatopsia
ADADAD



Achromatomaly
8BC0A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 50E097 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 #50E097 looks like.

```
.text, #text, p{  
    color:#50E097  
}
```

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 #50E097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50E097
}
```

Border

The CSS property to change the border of an element to Hex 50E097 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
#50E097 }
```

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

```
.border{ border-color:#50E097 }
```

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

Here you see how a box with a 4 pixel #50E097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50E097; -webkit-box-shadow:4px 4px  
4px 4px #50E097; box-shadow:4px 4px 4px  
4px #50E097 }
```

Background

The CSS property to change the background color of an element to Hex 50E097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50E097 }
```

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

```
.background{ background-color:#50E097 }
```

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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