

Converting Colors

Hex(50EDAF)

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

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Color

Hex(50EDAF)

Conversions

Conversions Part 1

Format	Color
Hex	50EDAF
RGB	80, 237, 175
RGB Percent	31%, 93%, 69%
CMY	0.6863, 0.0706, 0.3137
CMYK	0.66, 0.00, 0.26, 0.07
HSL	156°, 81%, 62%
HSV	156°, 66%, 93%
XYZ	41.3303, 65.3690, 50.9966
YIQ	182.9890, -73.6700, -52.5660

Conversions

Conversions Part 2

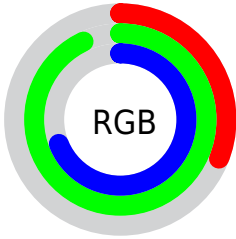
Format	Color
RYB	80, 178, 237
Decimal	5303727
CIELab	84.67, -55.13, 18.26
CIELCh	85, 58.079, 161.679
Yxy	65.3690, 0.2621, 0.4145
Android (android.graphics.Color)	4283493807 (0xFF50EDAF)
YUV	182.9890, -3.9386, -90.3214
Hunter-Lab	80.8511, -50.2419, 19.1988

Details

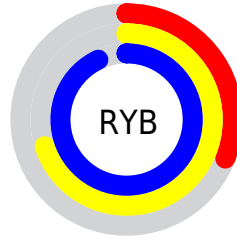
The Hex color **50EDAF** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **ED508E**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **91FFE7**, and **00B47A** is the 20% darker color. If you saturate the color by 10%, you get **38EDA6**, and if you desaturate by 10%, it is **68EDB8**.

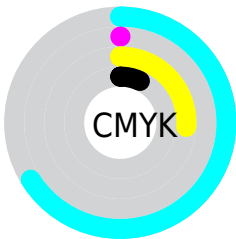
Distribution



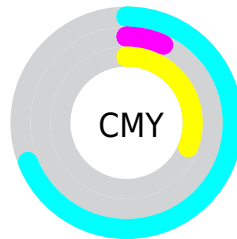
- Red (31%)
- Green (93%)
- Blue (69%)



- Red (31%)
- Yellow (70%)
- Blue (93%)



- Cyan (66%)
- Magenta (0%)
- Yellow (26%)
- Black (7%)



- Cyan (69%)
- Magenta (7%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 50EDAF

FFFFFF

 91FFE7

 B0FFFF

 CEFFFF

 EDFFFF

 50EDAF

 26D094

 00B47A

 009861

 007E49

 006432

 004A1D

 003305

 001900

 000000

 50EDAF

 50EDAF

 38EDA6

 68EDB8

 21ED9C

 7FEDC2

 09ED93

 97EDCB

 00ED8F

 AFEDD4

 C6EDDE

 DEEDE7

 F6EDF1

 FFEDFA

 FFEDFF

Harmonies

Analogous

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



A3E57E



50EDAF



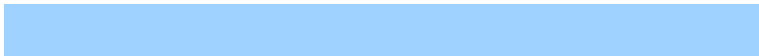
00EFE8

Triad

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



50EDAF



9FD2FF



FFB18D

Complementary

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



50EDAF



ED508E

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.



FFA6C0



50EDAF



F4BDFF

Square

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



50EDAF



00E3FF



FFAAF7



FFC46A

Rectangle

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



50EDAF



00EEFF



FFAAF7



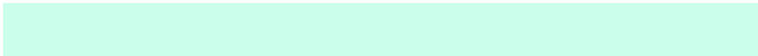
FFAC9D

Sweetspot

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



50EDAF



CCFFEB



8FED50



618073



000000



808080

Same Dimension

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



50EDAF



36FFAF



50DDED



6A7571



00B56E



003620

Inverse Universe

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



ED508E



FF3685



ED6050



756A6E



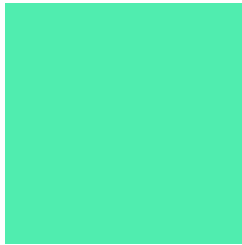
B50047



360015

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

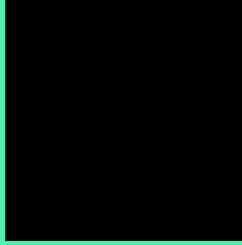
Any Text WCAG AA ✓ Pass

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 50EDAF Background



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

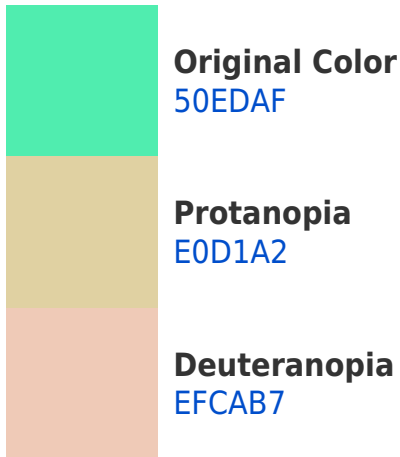


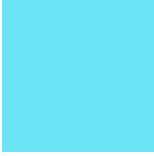
This preview shows how white text looks on a background with the Hex color 50EDAF.

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
6CE4F6

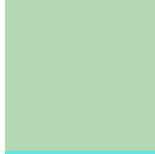
Trichromacy



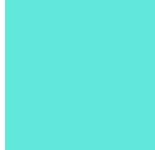
Original Color
50EDAF



Protanomaly
ACDBA7



Deuteranomaly
B5D7B4



Tritanomaly
62E7DC

Monochromacy



Original Color
50EDAF



Achromatopsia
B7B7B7



Achromatomaly
92CBB4

CSS Examples

Text

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

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

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 #50EDAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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