

Converting Colors

Hex(50CAA6)

Have a look what the booklet for
Hex(50CAA6) contains.

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Color

Hex(50CAA6)

Conversions

Conversions Part 1

Format	Color
Hex	50CAA6
RGB	80, 202, 166
RGB Percent	31%, 79%, 65%
CMY	0.6863, 0.2078, 0.3490
CMYK	0.60, 0.00, 0.18, 0.21
HSL	162°, 54%, 55%
HSV	162°, 60%, 79%
XYZ	31.3117, 46.6997, 43.4400
YIQ	161.4180, -61.1560, -37.0600

Conversions

Conversions Part 2

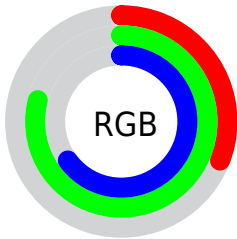
Format	Color
RYB	80, 152, 202
Decimal	5294758
CIELab	74.00, -42.60, 7.93
CIELCh	74, 43.328, 169.449
Yxy	46.6997, 0.2578, 0.3845
Android (android.graphics.Color)	4283484838 (0xFF50CAA6)
YUV	161.4180, 2.2589, -71.4036
Hunter-Lab	68.3372, -37.8023, 10.1470

Details

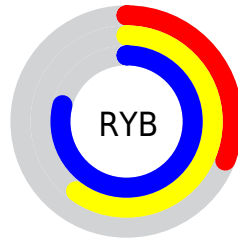
The Hex color **50CAA6** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **CA5074**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **8CFFDD**, and **009372** is the 20% darker color. If you saturate the color by 10%, you get **3CCAA0**, and if you desaturate by 10%, it is **64CAAC**.

Distribution



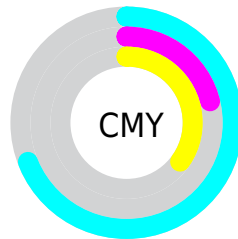
- Red (31%)
- Green (79%)
- Blue (65%)



- Red (31%)
- Yellow (60%)
- Blue (79%)



- Cyan (60%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)



- Cyan (69%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50CAA6 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 50CAA6 by changing the saturation by 10% instead.

 50CAA6

 50CAA6

FFFFFF

 2EAE8C

 8CFFDD

 009372

 A9FFFA


 00795A

 C7FFFF

 005F42

 E5FFFF

 00462C

 002F17

 001700

 000000

 50CAA6

 50CAA6

 3CCAA0

 64CAAC

 28CA9A

 78CAB2

 13CA94

 8DCAB8

 00CA8E

 A1CABE

 B5CAC4

 C9CACA

 DDCAD0

 F2CAD6

 FFCADC

Harmonies

Analogous

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



88C581



50CAA6



00CBCF

Triad

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



50CAA6



A5B1FF



F7A17B

Complementary

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



50CAA6



CA5074

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.



FF979D



50CAA6



DAA2EA

Square

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



50CAA6



5DBEFF



FA98C6



DCAF67

Rectangle

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



50CAA6



00C9E7



FA98C6



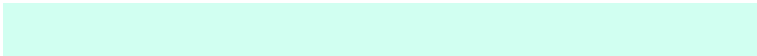
FD9D85

Sweetspot

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



50CAA6



D1FFF1



75CA50



638077



000000



808080

Same Dimension

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



50CAA6



47FFC9



50B2CA



5C6663



00A675



00261B

Inverse Universe

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



CA5074



FF477E



CA6850



665C5F



A60031



26000B

Previews

White Background



This preview shows how the Hex color 50CAA6 looks on a white background.

Color Contrast Check

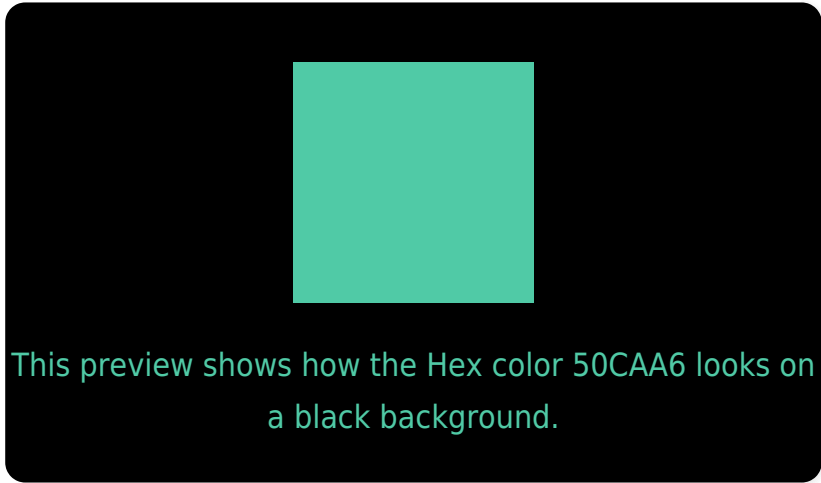
Large Text (above 18pt) WCAG AA × Fail

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

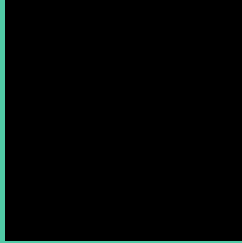
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

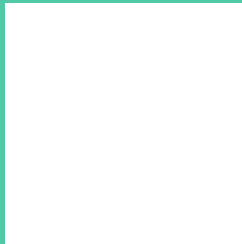
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 50CAA6 Background



This preview shows how black text looks on a background with the Hex color 50CAA6.

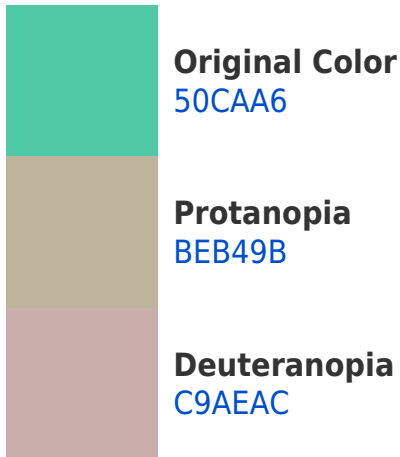


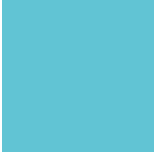
This preview shows how white text looks on a background with the Hex color 50CAA6.

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](#).

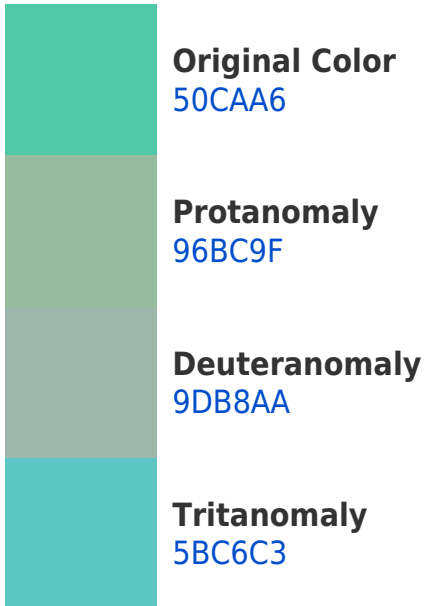
Dichromacy



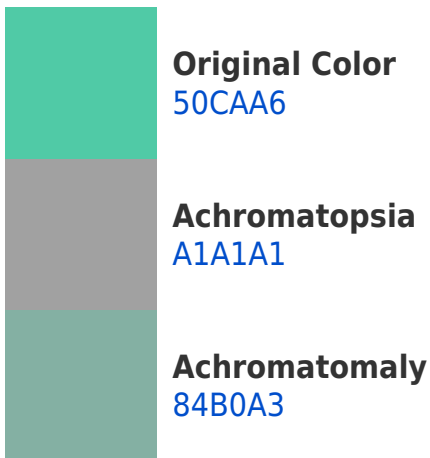


Tritanopia
61C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50CAA6 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 #50CAA6 looks like.

```
.text, #text, p{  
    color:#50CAA6  
}
```

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 #50CAA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50CAA6
}
```

Border

The CSS property to change the border of an element to Hex 50CAA6 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
#50CAA6 }
```

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

```
.border{ border-color:#50CAA6 }
```

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

Here you see how a box with a 4 pixel #50CAA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50CAA6; -webkit-box-shadow:4px 4px  
4px 4px #50CAA6; box-shadow:4px 4px 4px  
4px #50CAA6 }
```

Background

The CSS property to change the background color of an element to Hex 50CAA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50CAA6 }
```

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

```
.background{ background-color:#50CAA6 }
```

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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