

Converting Colors

Hex(48CBA6)

Have a look what the booklet for
Hex(48CBA6) contains.

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Color

Hex(48CBA6)

Conversions

Conversions Part 1

Format	Color
Hex	48CBA6
RGB	72, 203, 166
RGB Percent	28%, 80%, 65%
CMY	0.7176, 0.2039, 0.3490
CMYK	0.65, 0.00, 0.18, 0.20
HSL	163°, 56%, 54%
HSV	163°, 65%, 80%
XYZ	30.9114, 46.8428, 43.4888
YIQ	159.6130, -66.1990, -39.2790

Conversions

Conversions Part 2

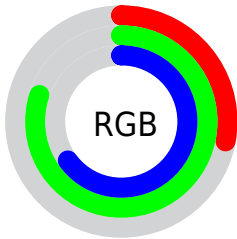
Format	Color
RYB	72, 148, 203
Decimal	4770726
CIELab	74.09, -44.47, 8.04
CIELCh	74, 45.190, 169.755
Yxy	46.8428, 0.2550, 0.3864
Android (android.graphics.Color)	4282960806 (0xFF48CBA6)
YUV	159.6130, 3.1488, -76.8366
Hunter-Lab	68.4418, -39.1545, 10.2356

Details

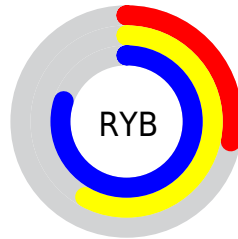
The Hex color **48CBA6** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **CB486D**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **86FFDD**, and **009472** is the 20% darker color. If you saturate the color by 10%, you get **34CBA0**, and if you desaturate by 10%, it is **5CCBAC**.

Distribution



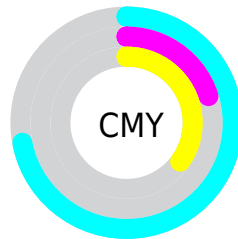
- Red (28%)
- Green (80%)
- Blue (65%)



- Red (28%)
- Yellow (58%)
- Blue (80%)



- Cyan (65%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)



- Cyan (72%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48CBA6 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 48CBA6 by changing the saturation by 10% instead.



48CBA6



48CBA6

FFFFFF



21AF8C



86FFDD



009472



A4FFFA



007A5A



C1FFFF



006042



DFFFFFF



00472C

FEFFFF



003017



001700



000000



48CBA6



48CBA6

■ 34CBA0

■ 5CCBAC

■ 1FCB9B

■ 71CBB1

■ 0BCB95

■ 85CBB7

■ 00CB92

■ 99CBBD

■ AECBC3

■ C2CBC8

■ D6CBCE

■ EACBD4

■ FFCBDA

Harmonies

Analogous

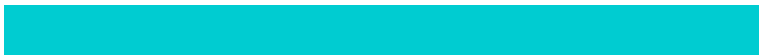
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85C67F



48CBA6



00CCD1

Triad

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



48CBA6



A5B1FF



FAA078

Complementary

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



48CBA6



CB486D

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.



FF969C



48CBA6



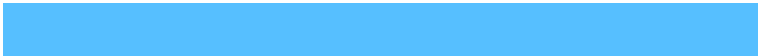
DCA1EC

Square

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



48CBA6



56BFFF



FD96C6



DDAF64

Rectangle

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



48CBA6



00CAEA



FD96C6



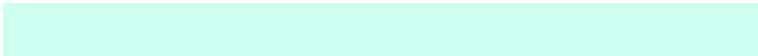
FF9C83

Sweetspot

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



48CBA6



CFFFF1



6DCB48



628077



000000



808080

Same Dimension

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



48CBA6



3BFFC8



48AFCB



5C6663



00A677



00261B

Inverse Universe

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



CB486D



FF3B72



CB6448



665C5F



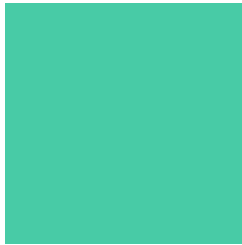
A6002F



26000B

Previews

White Background



This preview shows how the Hex color 48CBA6 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 48CBA6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

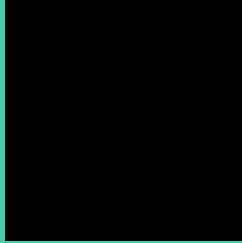
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

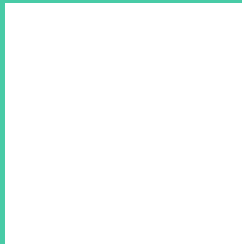
Any Text WCAG AAA ✓ Pass

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

Hex 48CBA6 Background



This preview shows how black text looks on a background with the Hex color 48CBA6.

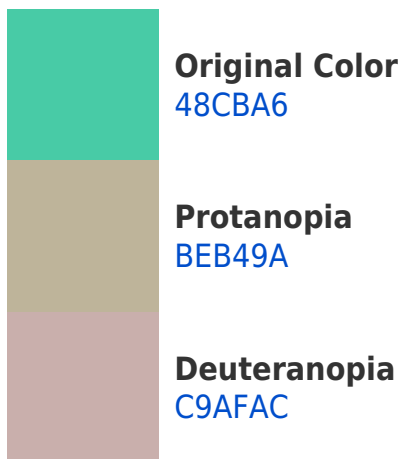


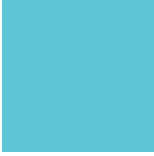
This preview shows how white text looks on a background with the Hex color 48CBA6.

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
5BC5D5

Trichromacy



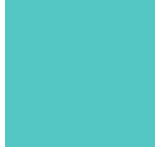
Original Color
48CBA6



Protanomaly
93BC9E



Deuteranomaly
9AB9AA



Tritanomaly
54C7C4

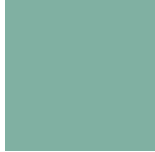
Monochromacy



Original Color
48CBA6



Achromatopsia
A0A0A0



Achromatomaly
80B0A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 48CBA6 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 #48CBA6 looks like.

```
.text, #text, p{  
    color:#48CBA6  
}
```

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 #48CBA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48CBA6
}
```

Border

The CSS property to change the border of an element to Hex 48CBA6 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
#48CBA6 }
```

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

```
.border{ border-color:#48CBA6 }
```

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

Here you see how a box with a 4 pixel #48CBA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48CBA6; -webkit-box-shadow:4px 4px  
4px 4px #48CBA6; box-shadow:4px 4px 4px  
4px #48CBA6 }
```

Background

The CSS property to change the background color of an element to Hex 48CBA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48CBA6 }
```

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

```
.background{ background-color:#48CBA6 }
```

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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