

Converting Colors

Hex(45C3B7)

Have a look what the booklet for
Hex(45C3B7) contains.

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Color

Hex(45C3B7)

Conversions

Conversions Part 1

Format	Color
Hex	45C3B7
RGB	69, 195, 183
RGB Percent	27%, 76%, 72%
CMY	0.7294, 0.2353, 0.2824
CMYK	0.65, 0.00, 0.06, 0.24
HSL	174°, 51%, 52%
HSV	174°, 65%, 76%
XYZ	30.5166, 43.7143, 51.6291
YIQ	155.9580, -71.2440, -30.4440

Conversions

Conversions Part 2

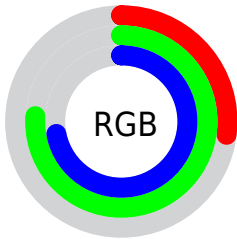
Format	Color
RYB	69, 135, 195
Decimal	4572087
CIELab	72.04, -37.10, -4.17
CIELCh	72, 37.329, 186.414
Yxy	43.7143, 0.2425, 0.3473
Android (android.graphics.Color)	4282762167 (0xFF45C3B7)
YUV	155.9580, 13.3317, -76.2622
Hunter-Lab	66.1168, -33.3167, -0.0164

Details

The Hex color **45C3B7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **C34551**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **84FCEF**, and **008D82** is the 20% darker color. If you saturate the color by 10%, you get **31C3B5**, and if you desaturate by 10%, it is **59C3B9**.

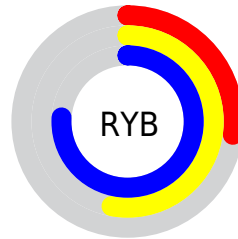
Distribution



Red (27%)

Green (76%)

Blue (72%)



Red (27%)

Yellow (53%)

Blue (76%)

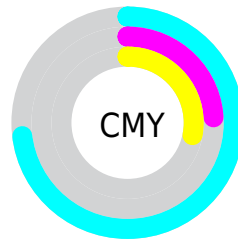


Cyan (65%)

Magenta (0%)

Yellow (6%)

Black (24%)



Cyan (73%)

Magenta (24%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45C3B7 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 45C3B7 by changing the saturation by 10% instead.

 45C3B7

 45C3B7

FFFFFF

 1CA79C

 84FCEF

 008D82

 A1FFFF

 007369

 BFFFFFF

 005951

 DDDFFF

 00413A

 FFFFFFF

 002B25

 000E10

 000000

 45C3B7

 45C3B7

■ 31C3B5

■ 59C3B9

■ 1EC3B3

■ 6CC3BB

■ 0BC3B1

■ 80C3BD

■ 00C3B0

■ 93C3BE

■ A7C3C0

■ BAC3C2

■ CEC3C4

■ E1C3C6

■ F4C3C8

Harmonies

Analogous

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



72C194



45C3B7



29C1D8

Triad

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



45C3B7



BEA5E8



DEA573

Complementary

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



45C3B7



C34551

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.



F09B8A



45C3B7



E29ACD

Square

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



45C3B7



8CB1F4



F296AA



C0B16C

Rectangle

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



45C3B7



40BEE8



F296AA



E5A179

Sweetspot

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



45C3B7



CCFCF8



52C345



62807D



000000



808080

Same Dimension

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



45C3B7



38FCEA



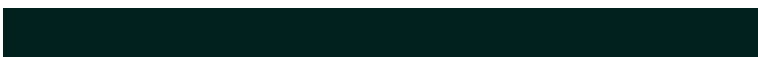
4591C3



576160



00A191



00211E

Inverse Universe

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



C34551



FC384A



C37745



615758



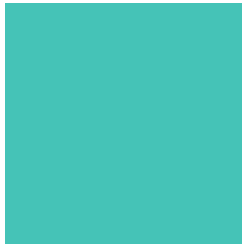
A1000F



210003

Previews

White Background



This preview shows how the Hex color 45C3B7 looks on a white background.

Color Contrast Check

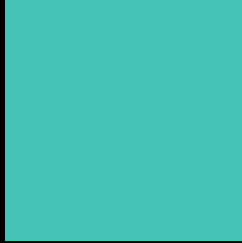
Large Text (above 18pt) WCAG AA × Fail

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 45C3B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

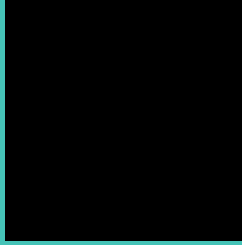
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

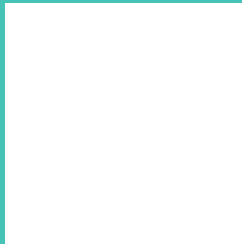
Any Text WCAG AAA ✓ Pass

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

Hex 45C3B7 Background



This preview shows how black text looks on a background with the Hex color 45C3B7.

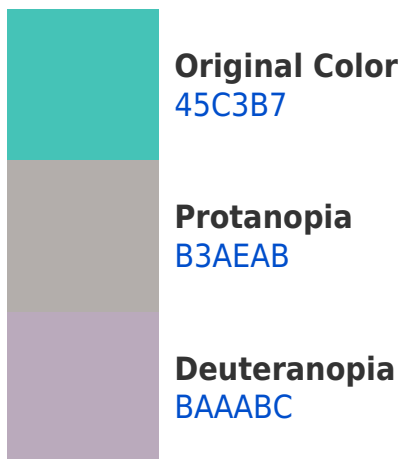


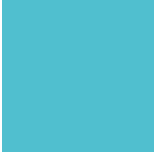
This preview shows how white text looks on a background with the Hex color 45C3B7.

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](#).

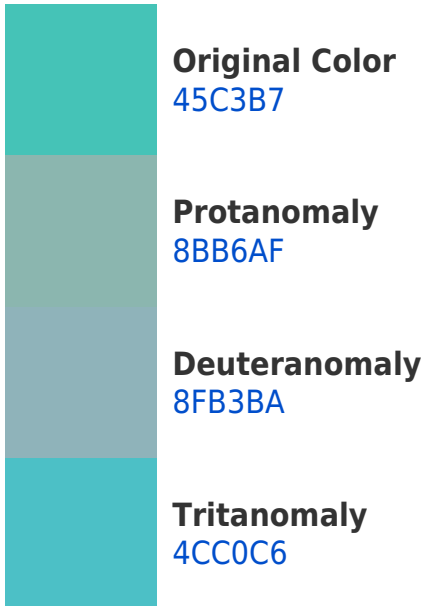
Dichromacy



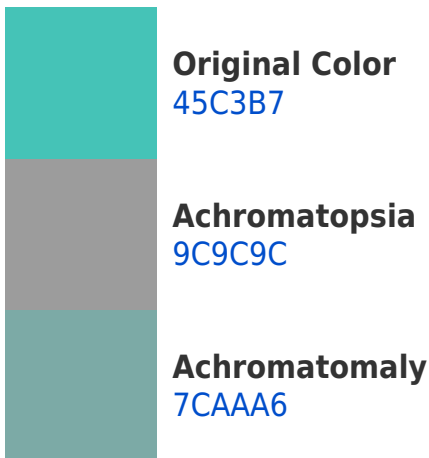


Tritanopia
50BFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45C3B7 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 #45C3B7 looks like.

```
.text, #text, p{  
    color:#45C3B7  
}
```

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 #45C3B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45C3B7
}
```

Border

The CSS property to change the border of an element to Hex 45C3B7 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
#45C3B7 }
```

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

```
.border{ border-color:#45C3B7 }
```

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

Here you see how a box with a 4 pixel #45C3B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45C3B7; -webkit-box-shadow:4px 4px  
4px 4px #45C3B7; box-shadow:4px 4px 4px  
4px #45C3B7 }
```

Background

The CSS property to change the background color of an element to Hex 45C3B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45C3B7 }
```

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

```
.background{ background-color:#45C3B7 }
```

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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