

Converting Colors

Hex(45C5C3)

Have a look what the booklet for
Hex(45C5C3) contains.

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Color

Hex(45C5C3)

Conversions

Conversions Part 1

Format	Color
Hex	45C5C3
RGB	69, 197, 195
RGB Percent	27%, 77%, 76%
CMY	0.7294, 0.2275, 0.2353
CMYK	0.65, 0.00, 0.01, 0.23
HSL	179°, 52%, 52%
HSV	179°, 65%, 77%
XYZ	32.2708, 45.1378, 58.6414
YIQ	158.5000, -75.6460, -27.7580

Conversions

Conversions Part 2

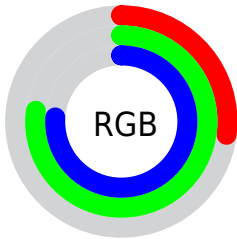
Format	Color
RYB	69, 134, 197
Decimal	4572611
CIELab	72.98, -34.73, -9.30
CIELCh	73, 35.956, 194.995
Yxy	45.1378, 0.2372, 0.3318
Android (android.graphics.Color)	4282762691 (0xFF45C5C3)
YUV	158.5000, 17.9945, -78.4915
Hunter-Lab	67.1847, -31.8343, -4.7213

Details

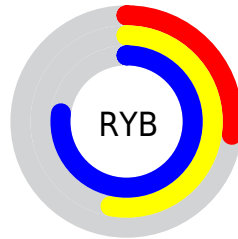
The Hex color **45C5C3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **C54547**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **85FEFB**, and **008F8D** is the 20% darker color. If you saturate the color by 10%, you get **31C5C3**, and if you desaturate by 10%, it is **59C5C3**.

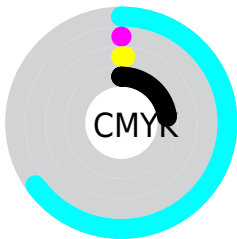
Distribution



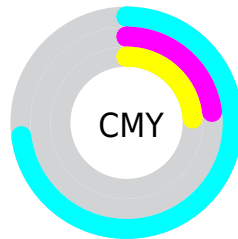
- Red (27%)
- Green (77%)
- Blue (76%)



- Red (27%)
- Yellow (53%)
- Blue (77%)



- Cyan (65%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



- Cyan (73%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45C5C3 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 45C5C3 by changing the saturation by 10% instead.

 45C5C3

 45C5C3

FFFFFF

 19A9A8

 85FEFB

 008F8D

 A3FFFF

 007574

 C1FFFF

 005B5B

 DFFFFF

 004344

 FDFFFF

 002C2E

 001319

 000000

 45C5C3

 45C5C3

■ 31C5C3

■ 59C5C3

■ 1EC5C2

■ 6CC5C4

■ 0AC5C2

■ 80C5C4

■ 00C5C2

■ 94C5C4

■ A8C5C5

■ BBC5C5

■ CFC5C5

■ E3C5C5

■ F6C5C6

Harmonies

Analogous

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



6CC4A1



45C5C3



3FC2E1

Triad

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



45C5C3



CCA5E2



D8AB74

Complementary

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



45C5C3



C54547

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.



EDA186



45C5C3



E99CC5

Square

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



45C5C3



9FB1F2



F49AA4



B9B673

Rectangle

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



45C5C3



59BEEE



F49AA4



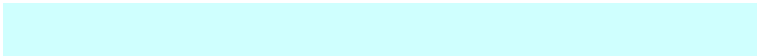
E0A878

Sweetspot

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



45C5C3



CFFFFE



47C545



62807F



000000



808080

Same Dimension

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



45C5C3



38FFFC



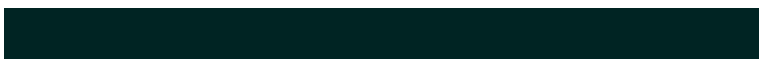
4587C5



5A6363



00A3A1



002423

Inverse Universe

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



C54547



FF383B



C58345



635A5A



A30003



240001

Previews

White Background



This preview shows how the Hex color 45C5C3 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 45C5C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

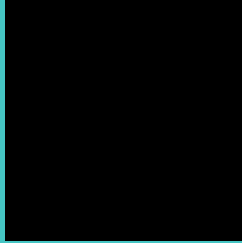
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

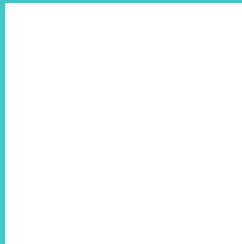
Any Text WCAG AAA ✓ Pass

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

Hex 45C5C3 Background



This preview shows how black text looks on a background with the Hex color 45C5C3.

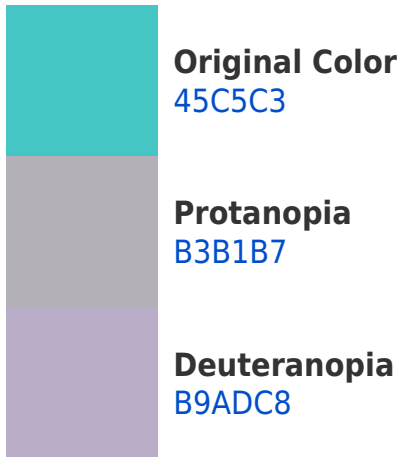


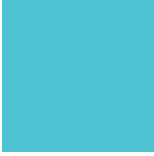
This preview shows how white text looks on a background with the Hex color 45C5C3.

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
4DC3D2

Trichromacy



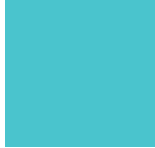
Original Color
45C5C3



Protanomaly
8BB8BB



Deuteranomaly
8FB6C6



Tritanomaly
4AC4CD

Monochromacy



Original Color
45C5C3



Achromatopsia
9F9F9F



Achromatomaly
7EADAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 45C5C3 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 #45C5C3 looks like.

```
.text, #text, p{  
    color:#45C5C3  
}
```

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 #45C5C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45C5C3
}
```

Border

The CSS property to change the border of an element to Hex 45C5C3 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
#45C5C3 }
```

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

```
.border{ border-color:#45C5C3 }
```

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

Here you see how a box with a 4 pixel #45C5C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45C5C3; -webkit-box-shadow:4px 4px  
4px 4px #45C5C3; box-shadow:4px 4px 4px  
4px #45C5C3 }
```

Background

The CSS property to change the background color of an element to Hex 45C5C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45C5C3 }
```

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

```
.background{ background-color:#45C5C3 }
```

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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