

# Converting Colors

Hex(45C3D3)

Have a look what the booklet for  
Hex(45C3D3) contains.

<b>Hex(45C3D3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(45C3D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45C3D3
RGB	69, 195, 211
RGB Percent	27%, 76%, 83%
CMY	0.7294, 0.2353, 0.1725
CMYK	0.67, 0.08, 0.00, 0.17
HSL	187°, 62%, 55%
HSV	187°, 67%, 83%
XYZ	33.7272, 44.9986, 68.5360
YIQ	159.1500, -80.2320, -21.7360

# Conversions

## Conversions Part 2

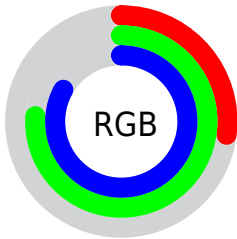
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 136, 211
Decimal	4572115
CIELab	72.89, -29.17, -18.14
CIELCh	73, 34.348, 211.882
Yxy	44.9986, 0.2290, 0.3056
Android (android.graphics.Color)	4282762195 (0xFF45C3D3)
YUV	159.1500, 25.5620, -79.0616
Hunter-Lab	67.0810, -27.6448, -13.6194

# Details

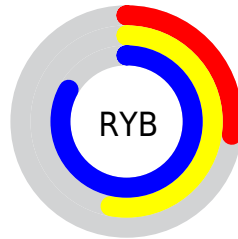
The Hex color **45C3D3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D35545**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **86FCFF**, and **008D9C** is the 20% darker color. If you saturate the color by 10%, you get **30C1D3**, and if you desaturate by 10%, it is **5AC5D3**.

# Distribution



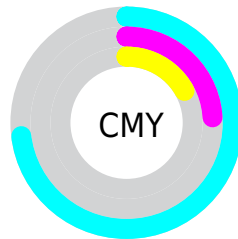
- Red (27%)
- Green (76%)
- Blue (83%)



- Red (27%)
- Yellow (53%)
- Blue (83%)



- Cyan (67%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (73%)
- Magenta (24%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 45C3D3 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 45C3D3 by changing the saturation by 10% instead.



 45C3D3

 45C3D3

FFFFFF

 16A8B7

 86FCFF

 008D9C

 A4FFFF

 007382

 C3FFFF

 005A69

 E1FFFF

 004251

 002B3A

 001325

 00010E

 000000

■ 45C3D3

■ 45C3D3

■ 30C1D3

■ 5AC5D3

■ 1BBED3

■ 6FC8D3

■ 06BCD3

■ 84CAD3

■ 00BBD3

■ 99CDD3

■ AECFD3

■ C4D1D3

■ D9D4D3

■ EED6D3

■ FFD8D3

# Harmonies

## Analogous

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



5BC4B4



45C3D3



5CBEEA

# Triad

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



45C3D3



DDA0D1



C7B274

# Complementary

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



45C3D3



D35545

# 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.



E1A77C



45C3D3



EF9BB2

# Square

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



45C3D3



BAAAE8



F09E93



A5BB7D

# Rectangle

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



45C3D3



7BB9F1



F09E93



D0AE75



# Sweetspot

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



45C3D3



CCF9FF



45D353



617C80



000000



808080

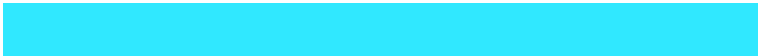


# Same Dimension

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



45C3D3



30E8FF



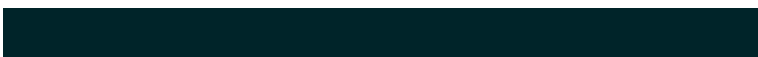
457ED3



5E6769



0095A8



002429



# Inverse Universe

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



D345C3



FF30E8



D39A45



695E67



A80095

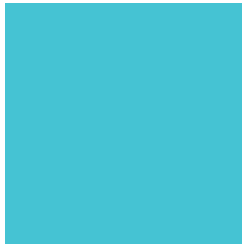


290024



# Previews

## White Background



This preview shows how the Hex color 45C3D3 looks on a white background.

## Color Contrast Check

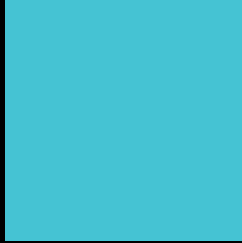
Large Text (above 18pt) WCAG AA × Fail

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 45C3D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

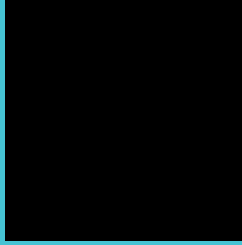
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 45C3D3 Background



This preview shows how black text looks on a background with the Hex color 45C3D3.

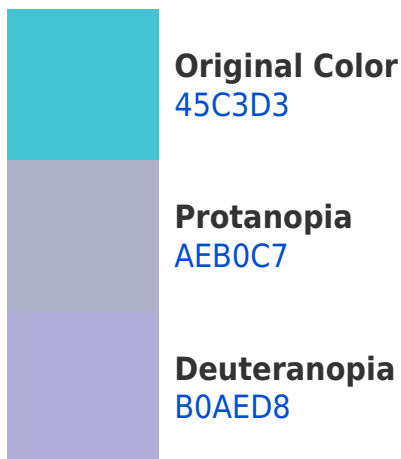


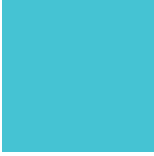
This preview shows how white text looks on a background with the Hex color 45C3D3.

# 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](#).

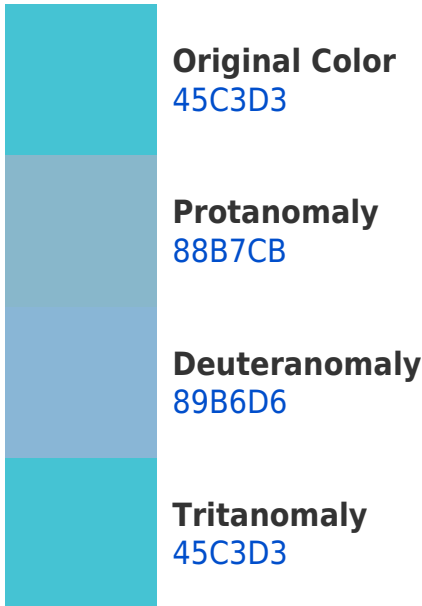
## Dichromacy



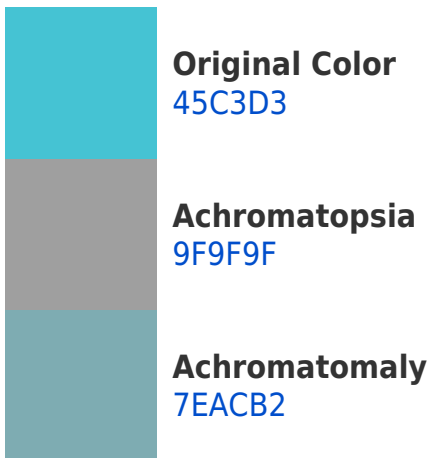


**Tritanopia**  
45C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 45C3D3 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 #45C3D3 looks like.

```
.text, #text, p{  
    color:#45C3D3  
}
```

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 #45C3D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45C3D3
}
```

## Border

The CSS property to change the border of an element to Hex 45C3D3 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
#45C3D3 }
```

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

```
.border{ border-color:#45C3D3 }
```

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

Here you see how a box with a 4 pixel #45C3D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45C3D3; -webkit-box-shadow:4px 4px  
4px 4px #45C3D3; box-shadow:4px 4px 4px  
4px #45C3D3 }
```

# Background

The CSS property to change the background color of an element to Hex 45C3D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45C3D3 }
```

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

```
.background{ background-color:#45C3D3 }
```

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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