

Converting Colors

Hex(45DCC3)

Have a look what the booklet for
Hex(45DCC3) contains.

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Color

Hex(45DCC3)

Conversions

Conversions Part 1

Format	Color
Hex	45DCC3
RGB	69, 220, 195
RGB Percent	27%, 86%, 76%
CMY	0.7294, 0.1373, 0.2353
CMYK	0.69, 0.00, 0.11, 0.14
HSL	170°, 68%, 57%
HSV	170°, 69%, 86%
XYZ	37.8978, 56.3917, 60.5170
YIQ	172.0010, -81.9710, -39.7870

Conversions

Conversions Part 2

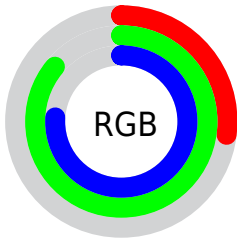
Format	Color
RYB	69, 151, 220
Decimal	4578499
CIELab	79.84, -45.08, 0.80
CIELCh	80, 45.083, 178.987
Yxy	56.3917, 0.2448, 0.3643
Android (android.graphics.Color)	4282768579 (0xFF45DCC3)
YUV	172.0010, 11.3385, -90.3319
Hunter-Lab	75.0944, -41.3320, 4.7855

Details

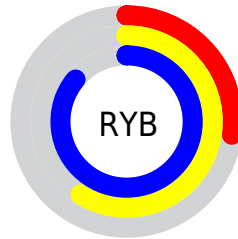
The Hex color **45DCC3** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **DC455E**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **88FFFB**, and **00A48D** is the 20% darker color. If you saturate the color by 10%, you get **2FDCBF**, and if you desaturate by 10%, it is **5BDCC7**.

Distribution



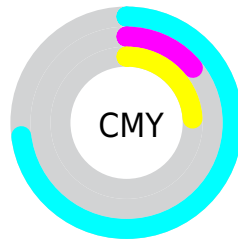
- Red (27%)
- Green (86%)
- Blue (76%)



- Red (27%)
- Yellow (59%)
- Blue (86%)



- Cyan (69%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)



- Cyan (73%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45DCC3 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 45DCC3 by changing the saturation by 10% instead.

 45DCC3

 45DCC3

FFFFFF

 12C0A8

 88FFFB

 00A48D

 A6FFFF

 008974

 C5FFFF

 006F5B

 E4FFFF

 005644

 003D2E

 002819

 000000

 45DCC3

 45DCC3

 2FDCBF

 5BDCC7

 19DCBC

 71DCCA

 03DCB8

 87DCCE

 00DCB8

 9DDCD2

 B3DCD5

 C9DCD9

 DFDCDC

 F5DCE0

 FFDCE4

Harmonies

Analogous

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



84D899



45DCC3



00DBED

Triad

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



45DCC3



C8BCFF



FFB47F

Complementary

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



45DCC3



DC455E

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.



FFA89F



45DCC3



F9ADF2

Square

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



45DCC3



83CBFF



FFA5C9



E2C371

Rectangle

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



45DCC3



00D8FF



FFA5C9



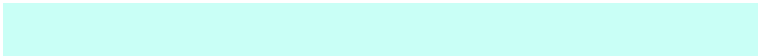
FFB088

Sweetspot

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



45DCC3



C9FFF6



5EDC45



60807A



000000



808080

Same Dimension

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



45DCC3



2EFFDC



45AADC



636E6C



00AD91



002E26

Inverse Universe

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



DC455E



FF2E51



DC7745



6E6365



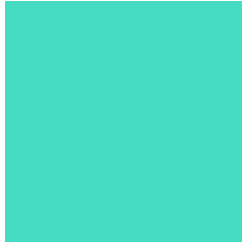
AD001D



2E0008

Previews

White Background



This preview shows how the Hex color 45DCC3 looks on a white background.

Color Contrast Check

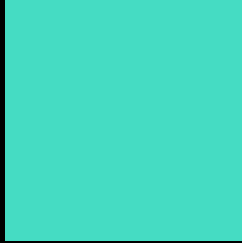
Large Text (above 18pt) WCAG AA × Fail

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 45DCC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

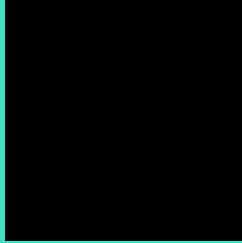
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

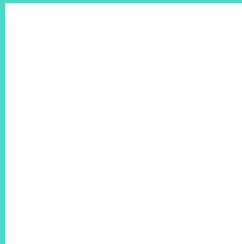
Any Text WCAG AAA ✓ Pass

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

Hex 45DCC3 Background



This preview shows how black text looks on a background with the Hex color 45DCC3.

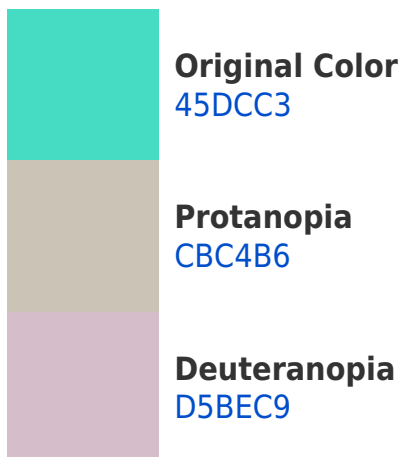


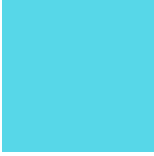
This preview shows how white text looks on a background with the Hex color 45DCC3.

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
57D7E8

Trichromacy



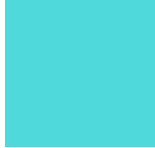
Original Color
45DCC3



Protanomaly
9ACDBB



Deuteranomaly
A1C9C7



Tritanomaly
50D9DB

Monochromacy



Original Color
45DCC3



Achromatopsia
ACACAC



Achromatomaly
87BDB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 45DCC3 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 #45DCC3 looks like.

```
.text, #text, p{  
    color:#45DCC3  
}
```

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 #45DCC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45DCC3  
}
```

Border

The CSS property to change the border of an element to Hex 45DCC3 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  
#45DCC3 }
```

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

```
.border{ border-color:#45DCC3 }
```

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

Here you see how a box with a 4 pixel #45DCC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45DCC3; -webkit-box-shadow:4px 4px  
4px 4px #45DCC3; box-shadow:4px 4px 4px  
4px #45DCC3 }
```

Background

The CSS property to change the background color of an element to Hex 45DCC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45DCC3 }
```

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

```
.background{ background-color:#45DCC3 }
```

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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