

Converting Colors

Hex(45D1C8)

Have a look what the booklet for
Hex(45D1C8) contains.

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Color

Hex(45D1C8)

Conversions

Conversions Part 1

Format	Color
Hex	45D1C8
RGB	69, 209, 200
RGB Percent	27%, 82%, 78%
CMY	0.7294, 0.1804, 0.2157
CMYK	0.67, 0.00, 0.04, 0.18
HSL	176°, 60%, 55%
HSV	176°, 67%, 82%
XYZ	35.6800, 51.0363, 62.6140
YIQ	166.1140, -80.5510, -32.4790

Conversions

Conversions Part 2

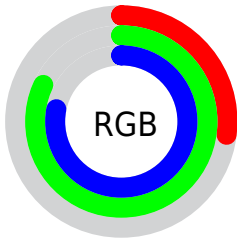
Format	Color
RYB	69, 141, 209
Decimal	4575688
CIELab	76.70, -38.88, -6.49
CIELCh	77, 39.422, 189.471
Yxy	51.0363, 0.2389, 0.3418
Android (android.graphics.Color)	4282765768 (0xFF45D1C8)
YUV	166.1140, 16.7058, -85.1690
Hunter-Lab	71.4397, -35.8689, -1.9576

Details

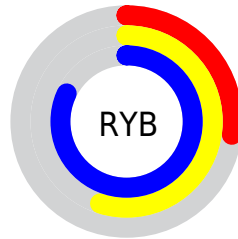
The Hex color **45D1C8** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D1454E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **86FFFF**, and **009A92** is the 20% darker color. If you saturate the color by 10%, you get **30D1C7**, and if you desaturate by 10%, it is **5AD1C9**.

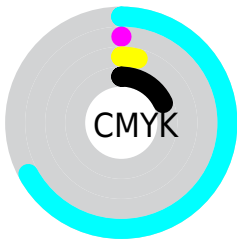
Distribution



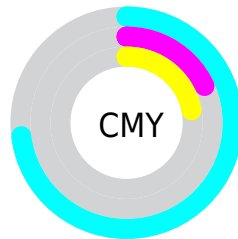
- Red (27%)
- Green (82%)
- Blue (78%)



- Red (27%)
- Yellow (55%)
- Blue (82%)



- Cyan (67%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (73%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45D1C8 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 45D1C8 by changing the saturation by 10% instead.

 45D1C8

 45D1C8

FFFFFF

 15B5AD

 86FFFF

 009A92

 A5FFFF

 007F78

 C3FFFF

 006660

 E2FFFF

 004D48

 003532

 00201D

 000002

 000000

 45D1C8

 45D1C8

 30D1C7

 5AD1C9

 1BD1C5

 6FD1CB

 06D1C4

 84D1CC

 00D1C4

 99D1CD

 AED1CF

 C2D1D0

 D7D1D1

 ECD1D3

 FFD1D4

Harmonies

Analogous

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



75CFA3



45D1C8



2DCFEA

Triad

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



45D1C8



D1B0F6



EBB27A

Complementary

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



45D1C8



D1454E

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.



FFA791



45D1C8



F5A5D8

Square

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



45D1C8



9CBDFE



FFA1B3



CABF74

Rectangle

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



45D1C8



4ACBFB



FFA1B3



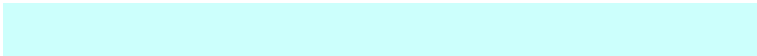
F4AE80

Sweetspot

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



45D1C8



CCFFFC



4ED145



61807E



000000



808080

Same Dimension

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



45D1C8



33FFF2



4594D1



5E6968



00A89D



002926

Inverse Universe

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



D1454E



FF3340



D18245



695E5F



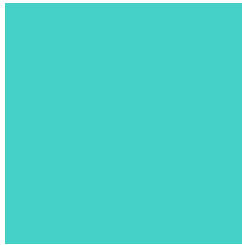
A8000B



290003

Previews

White Background



This preview shows how the Hex color 45D1C8 looks on a white background.

Color Contrast Check

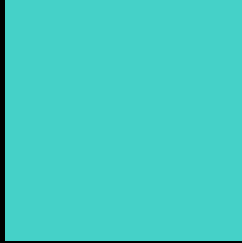
Large Text (above 18pt) WCAG AA × Fail

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 45D1C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

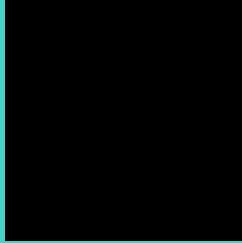
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

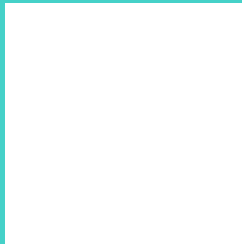
Any Text WCAG AAA ✓ Pass

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

Hex 45D1C8 Background



This preview shows how black text looks on a background with the Hex color 45D1C8.

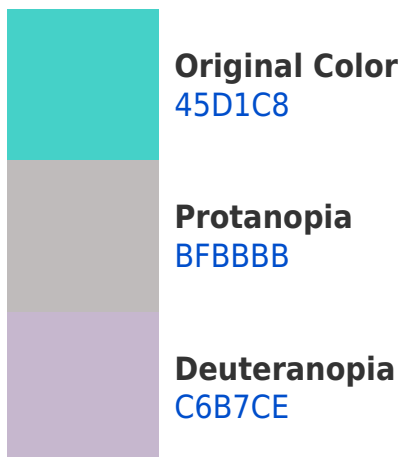


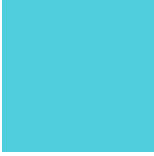
This preview shows how white text looks on a background with the Hex color 45D1C8.

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





Trichromacy



Original Color
45D1C8



Protanomaly
93C3C0



Deuteranomaly
97C0CC

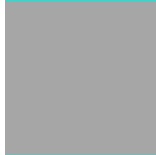


Tritanomaly
4CCFD6

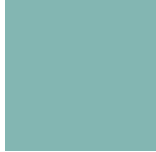
Monochromacy



Original Color
45D1C8



Achromatopsia
A6A6A6



Achromatomaly
83B6B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 45D1C8 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 #45D1C8 looks like.

```
.text, #text, p{  
    color:#45D1C8  
}
```

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 #45D1C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45D1C8  
}
```

Border

The CSS property to change the border of an element to Hex 45D1C8 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  
#45D1C8 }
```

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

```
.border{ border-color:#45D1C8 }
```

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

Here you see how a box with a 4 pixel #45D1C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45D1C8; -webkit-box-shadow:4px 4px  
4px 4px #45D1C8; box-shadow:4px 4px 4px  
4px #45D1C8 }
```

Background

The CSS property to change the background color of an element to Hex 45D1C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45D1C8 }
```

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

```
.background{ background-color:#45D1C8 }
```

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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