

Converting Colors

Hex(45C6D7)

Have a look what the booklet for
Hex(45C6D7) contains.

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Color

Hex(45C6D7)

Conversions

Conversions Part 1

Format	Color
Hex	45C6D7
RGB	69, 198, 215
RGB Percent	27%, 78%, 84%
CMY	0.7294, 0.2235, 0.1569
CMYK	0.68, 0.08, 0.00, 0.16
HSL	187°, 65%, 56%
HSV	187°, 68%, 84%
XYZ	34.9141, 46.5597, 71.4367
YIQ	161.3670, -82.3410, -22.0610

Conversions

Conversions Part 2

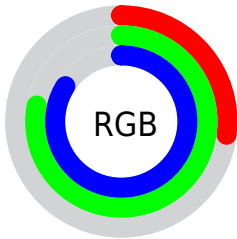
Format	Color
R _{YB}	69, 137, 215
Decimal	4572887
CIE Lab	73.91, -29.44, -18.77
CIE LCh	74, 34.919, 212.524
Yxy	46.5597, 0.2283, 0.3045
Android (android.graphics.Color)	4282762967 (0xFF45C6D7)
YUV	161.3670, 26.4411, -81.0059
Hunter-Lab	68.2346, -28.0764, -14.3081

Details

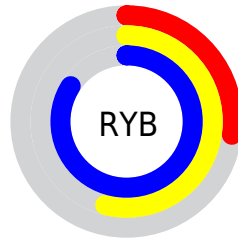
The Hex color **45C6D7** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D75645**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **87FFFF**, and **0090A0** is the 20% darker color. If you saturate the color by 10%, you get **30C3D7**, and if you desaturate by 10%, it is **5BC9D7**.

Distribution



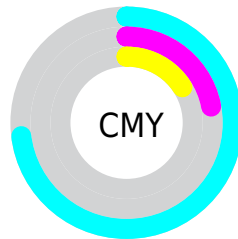
- Red (27%)
- Green (78%)
- Blue (84%)



- Red (27%)
- Yellow (54%)
- Blue (84%)



- Cyan (68%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (73%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45C6D7 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 45C6D7 by changing the saturation by 10% instead.

 45C6D7

 45C6D7

FFFFFF

 14AABB

 87FFFF

 0090A0

 A5FFFF

 007686

 C4FFFF

 005D6D

 E2FFFF

 004554

 002E3D

 001827

 000112

 000000

 45C6D7

 45C6D7

 30C3D7

 5BC9D7

 1AC1D7

 70CBD7

 05BED7

 86CED7

 00BED7

 9BD0D7

 B1D3D7

 C6D5D7

 DCD8D7

 F1DAD7

 FFDDD7

Harmonies

Analogous

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



5BC7B7



45C6D7



5DC1EE

Triad

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



45C6D7



E1A2D4



C9B575

Complementary

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



45C6D7



D75645

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.



E4AA7E



45C6D7



F39DB4

Square

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



45C6D7



BDACEC



F3A095



A7BE7F

Rectangle

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



45C6D7



7DBBF5



F3A095



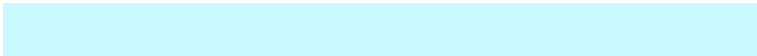
D3B176

Sweetspot

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



45C6D7



CCF9FF



45D754



617C80



000000



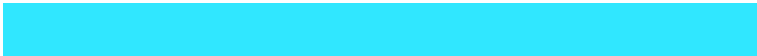
808080

Same Dimension

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



45C6D7



30E7FF



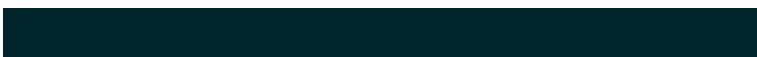
457FD7



606A6B



0097AB



00262B

Inverse Universe

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



D745C6



FF30E7



D79D45



6B606A



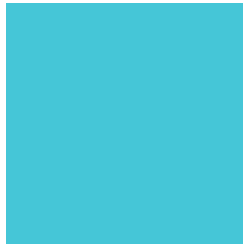
AB0097



2B0026

Previews

White Background



This preview shows how the Hex color 45C6D7 looks on a white background.

Color Contrast Check

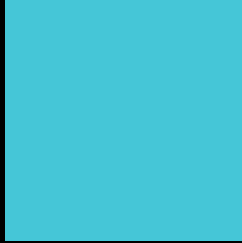
Large Text (above 18pt) WCAG AA × Fail

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 45C6D7 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 45C6D7 Background



This preview shows how black text looks on a background with the Hex color 45C6D7.

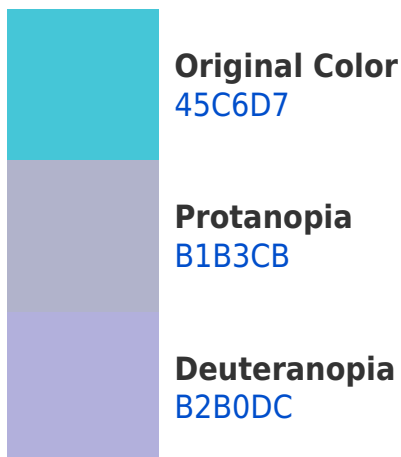


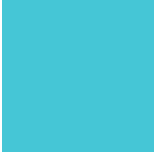
This preview shows how white text looks on a background with the Hex color 45C6D7.

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](#).

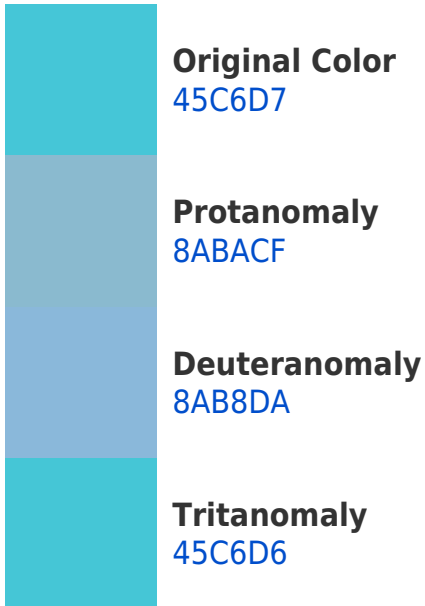
Dichromacy



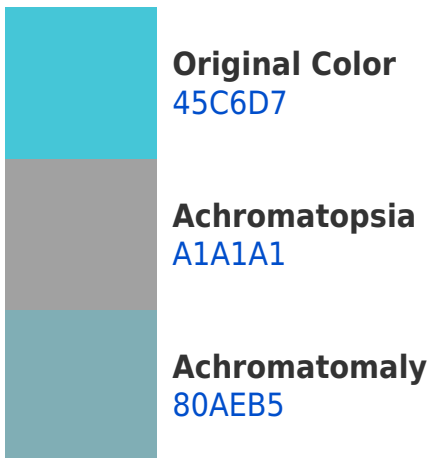


Tritanopia
45C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45C6D7 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 #45C6D7 looks like.

```
.text, #text, p{  
    color:#45C6D7  
}
```

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 #45C6D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45C6D7
}
```

Border

The CSS property to change the border of an element to Hex 45C6D7 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
#45C6D7 }
```

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

```
.border{ border-color:#45C6D7 }
```

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

Here you see how a box with a 4 pixel #45C6D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45C6D7; -webkit-box-shadow:4px 4px  
4px 4px #45C6D7; box-shadow:4px 4px 4px  
4px #45C6D7 }
```

Background

The CSS property to change the background color of an element to Hex 45C6D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45C6D7 }
```

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

```
.background{ background-color:#45C6D7 }
```

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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