

Converting Colors

Hex(47C5D0)

Have a look what the booklet for
Hex(47C5D0) contains.

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Color

Hex(47C5D0)

Conversions

Conversions Part 1

Format	Color
Hex	47C5D0
RGB	71, 197, 208
RGB Percent	28%, 77%, 82%
CMY	0.7216, 0.2275, 0.1843
CMYK	0.66, 0.05, 0.00, 0.18
HSL	185°, 59%, 55%
HSV	185°, 66%, 82%
XYZ	33.9500, 45.8262, 66.7305
YIQ	160.5800, -78.6270, -23.2910

Conversions

Conversions Part 2

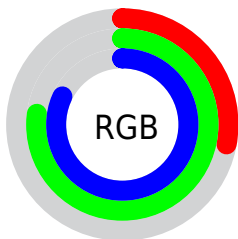
Format	Color
RYB	71, 137, 208
Decimal	4703696
CIELab	73.43, -30.72, -15.69
CIElCh	73, 34.498, 207.052
Yxy	45.8262, 0.2317, 0.3128
Android (android.graphics.Color)	4282893776 (0xFF47C5D0)
YUV	160.5800, 23.3781, -78.5617
Hunter-Lab	67.6950, -28.9462, -11.0587

Details

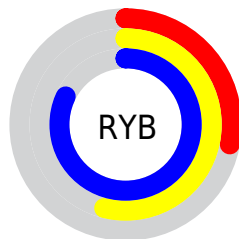
The Hex color **47C5D0** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D05247**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **87FEFF**, and **008F9A** is the 20% darker color. If you saturate the color by 10%, you get **32C3D0**, and if you desaturate by 10%, it is **5CC7D0**.

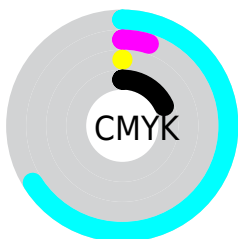
Distribution



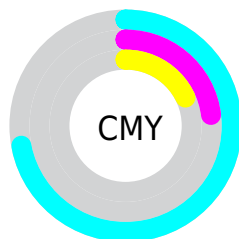
- Red (28%)
- Green (77%)
- Blue (82%)



- Red (28%)
- Yellow (54%)
- Blue (82%)



- Cyan (66%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (72%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47C5D0 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 47C5D0 by changing the saturation by 10% instead.

 47C5D0

 47C5D0

FFFFFF

 1BAAB4

 87FEFF

 008F9A

 A5FFFF

 007580

 C4FFFF

 005C67

 E2FFFF

 00444F

 002D38

 001622

 00000B

 000000

 47C5D0

 47C5D0

 32C3D0

 5CC7D0

 1DC2D0

 71C8D0

 09C0D0

 85CAD0

 00BFD0

 9ACCD0

 AFCDD0

 C4CFD0

 D9D1D0

 EDD2D0

 FFD4D0

Harmonies

Analogous

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



62C5B0



47C5D0



56C1E9

Triad

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



47C5D0



DAA3D7



CDB175

Complementary

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



47C5D0



D05247

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.



E6A780



47C5D0



EF9DB9

Square

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



47C5D0



B4AEDD



F29E99



ACBB7B

Rectangle

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



47C5D0



74BBF1



F29E99



D6AE77

Sweetspot

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



47C5D0



CCFBFF



47D050



617D80



000000



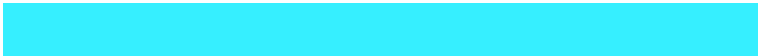
808080

Same Dimension

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



47C5D0



36EFFF



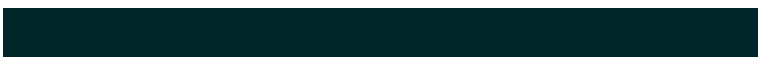
4782D0



5E6869



009BA8



002629

Inverse Universe

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



D047C5



FF36EF



D09547



695E68



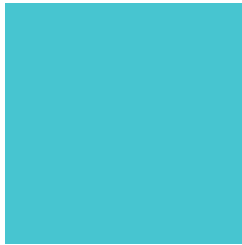
A8009B



290026

Previews

White Background



This preview shows how the Hex color 47C5D0 looks on a white background.

Color Contrast Check

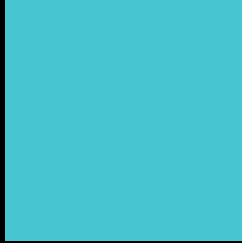
Large Text (above 18pt) WCAG AA × Fail

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 47C5D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

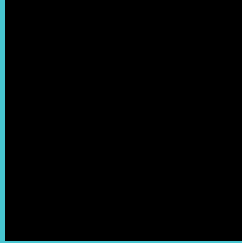
Any Text WCAG AA ✓ Pass

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 47C5D0 Background



This preview shows how black text looks on a background with the Hex color 47C5D0.

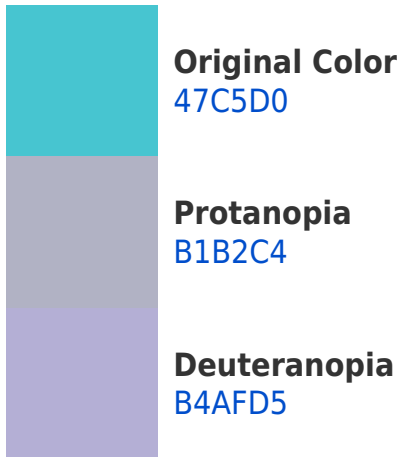


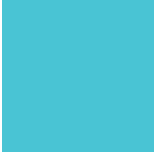
This preview shows how white text looks on a background with the Hex color 47C5D0.

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](#).

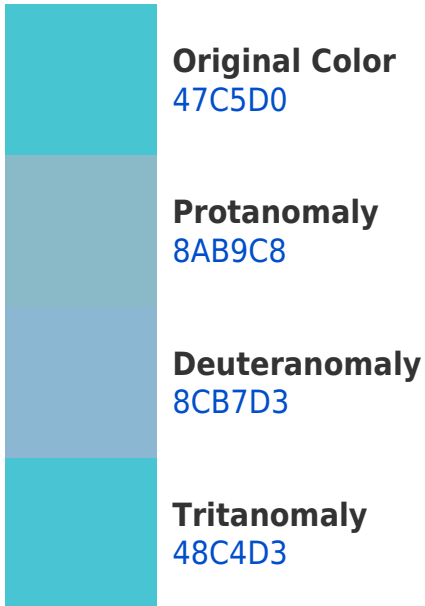
Dichromacy



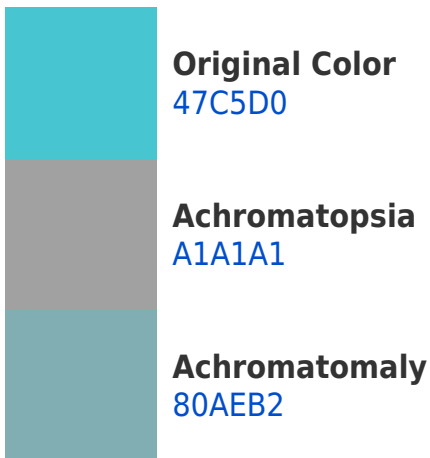


Tritanopia
49C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47C5D0 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 #47C5D0 looks like.

```
.text, #text, p{  
    color:#47C5D0  
}
```

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 #47C5D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47C5D0
}
```

Border

The CSS property to change the border of an element to Hex 47C5D0 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
#47C5D0 }
```

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

```
.border{ border-color:#47C5D0 }
```

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

Here you see how a box with a 4 pixel #47C5D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47C5D0; -webkit-box-shadow:4px 4px  
4px 4px #47C5D0; box-shadow:4px 4px 4px  
4px #47C5D0 }
```

Background

The CSS property to change the background color of an element to Hex 47C5D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47C5D0 }
```

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

```
.background{ background-color:#47C5D0 }
```

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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