

Converting Colors

Hex(47C1CF)

Have a look what the booklet for
Hex(47C1CF) contains.

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Color

Hex(47C1CF)

Conversions

Conversions Part 1

Format	Color
Hex	47C1CF
RGB	71, 193, 207
RGB Percent	28%, 76%, 81%
CMY	0.7216, 0.2431, 0.1882
CMYK	0.66, 0.07, 0.00, 0.19
HSL	186°, 59%, 55%
HSV	186°, 66%, 81%
XYZ	32.9310, 43.9845, 65.7857
YIQ	158.1180, -77.2060, -21.5100

Conversions

Conversions Part 2

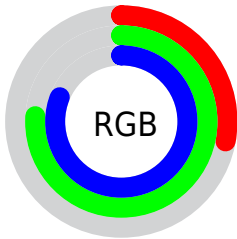
Format	Color
RYB	71, 135, 207
Decimal	4702671
CIELab	72.22, -29.07, -16.98
CIELCh	72, 33.668, 210.283
Yxy	43.9845, 0.2308, 0.3082
Android (android.graphics.Color)	4282892751 (0xFF47C1CF)
YUV	158.1180, 24.0988, -76.4025
Hunter-Lab	66.3208, -27.4289, -12.3870

Details

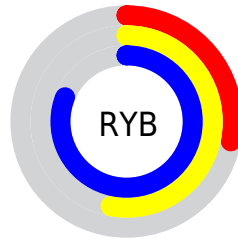
The Hex color **47C1CF** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CF5547**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **87FAFF**, and **008B99** is the 20% darker color. If you saturate the color by 10%, you get **32BFCF**, and if you desaturate by 10%, it is **5CC3CF**.

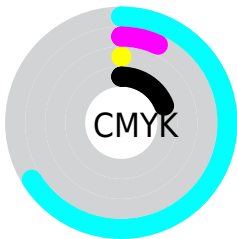
Distribution



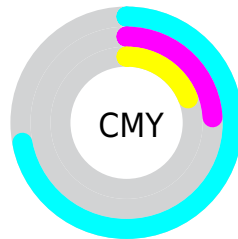
- Red (28%)
- Green (76%)
- Blue (81%)



- Red (28%)
- Yellow (53%)
- Blue (81%)



- Cyan (66%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (72%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47C1CF 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 47C1CF by changing the saturation by 10% instead.

 47C1CF

 47C1CF

FFFFFF

 1CA6B3

 87FAFF

 008B99

 A5FFFF

 00717F

 C3FFFF

 005866

 E1FFFF

 00404E

 002A37

 001022

 000009

 000000

 47C1CF

 47C1CF

 32BFCF

 5CC3CF

 1EBDCF

 70C5CF

 09BBCF

 85C7CF

 00BACF

 9ACACF

 AFCCCF

 C3CECF

 D8D0CF

 EDD2CF

 FFD4CF

Harmonies

Analogous

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



5DC2B0



47C1CF



5ABCE6

Triad

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



47C1CF



D89FD0



C6AF73

Complementary

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



47C1CF



CF5547

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.



DFA57D



47C1CF



EB9AB2

Square

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



47C1CF



B5A9E6



ED9C94



A5B97B

Rectangle

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



47C1CF



78B7ED



ED9C94



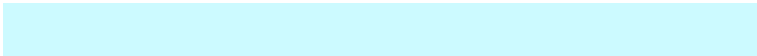
CFAC75

Sweetspot

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



47C1CF



CCFAFF



47CF55



617C80



000000



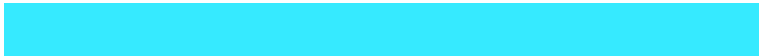
808080

Same Dimension

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



47C1CF



36EAFF



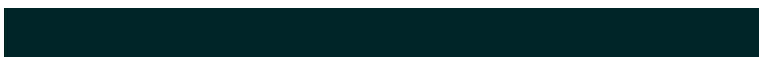
477DCF



5E6769



0097A8



002529

Inverse Universe

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



CF47C1



FF36EA



CF9947



695E67



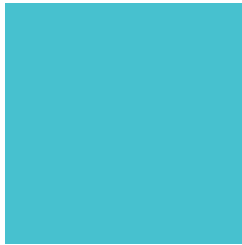
A80097



290025

Previews

White Background



This preview shows how the Hex color 47C1CF looks on a white background.

Color Contrast Check

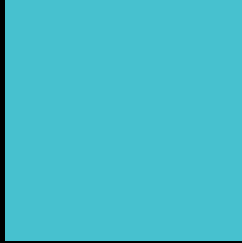
Large Text (above 18pt) WCAG AA × Fail

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 47C1CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

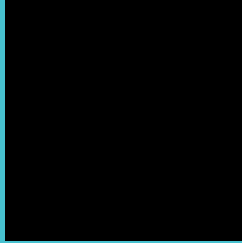
Any Text WCAG AA ✓ Pass

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 47C1CF Background



This preview shows how black text looks on a background with the Hex color 47C1CF.

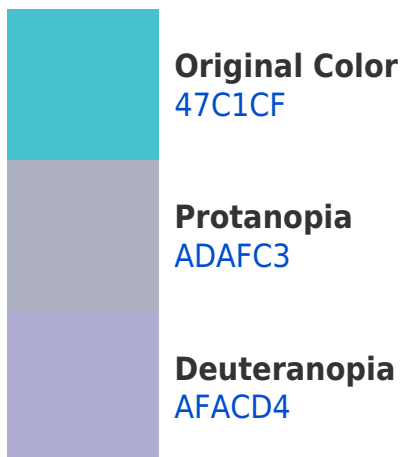


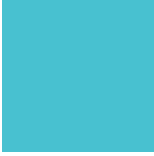
This preview shows how white text looks on a background with the Hex color 47C1CF.

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
48C1D0

Trichromacy



Original Color
47C1CF



Protanomaly
88B6C7



Deuteranomaly
89B4D2



Tritanomaly
48C1D0

Monochromacy



Original Color
47C1CF



Achromatopsia
9E9E9E



Achromatomaly
7EABBO

CSS Examples

Text

The CSS property to change the color of the text to Hex 47C1CF 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 #47C1CF looks like.

```
.text, #text, p{  
    color:#47C1CF  
}
```

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 #47C1CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47C1CF
}
```

Border

The CSS property to change the border of an element to Hex 47C1CF 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
#47C1CF }
```

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

```
.border{ border-color:#47C1CF }
```

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

Here you see how a box with a 4 pixel #47C1CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47C1CF; -webkit-box-shadow:4px 4px  
4px 4px #47C1CF; box-shadow:4px 4px 4px  
4px #47C1CF }
```

Background

The CSS property to change the background color of an element to Hex 47C1CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47C1CF }
```

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

```
.background{ background-color:#47C1CF }
```

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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