

Converting Colors

Hex(49FFC0)

Have a look what the booklet for
Hex(49FFC0) contains.

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Color

Hex(49FFC0)

Conversions

Conversions Part 1

Format	Color
Hex	49FFC0
RGB	73, 255, 192
RGB Percent	29%, 100%, 75%
CMY	0.7137, 0.0000, 0.2471
CMYK	0.71, 0.00, 0.25, 0.00
HSL	159°, 100%, 64%
HSV	159°, 71%, 100%
XYZ	48.0221, 76.7422, 62.1509
YIQ	193.4000, -88.2490, -58.1770

Conversions

Conversions Part 2

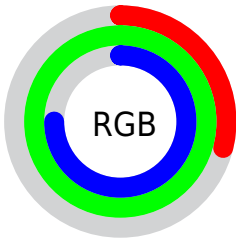
Format	Color
R _Y B	73, 183, 255
Decimal	4849600
CIE Lab	90.20, -59.54, 17.20
CIE LCh	90, 61.973, 163.883
Yxy	76.7422, 0.2569, 0.4106
Android (android.graphics.Color)	4283039680 (0xFF49FFC0)
YUV	193.4000, -0.6902, -105.5908
Hunter-Lab	87.6026, -55.4544, 19.2578

Details

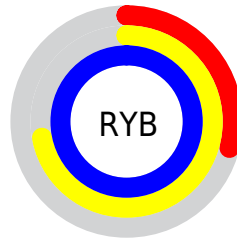
The Hex color **49FFC0** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF4988**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **8FFFF9**, and **00C58A** is the 20% darker color. If you saturate the color by 10%, you get **30FFB7**, and if you desaturate by 10%, it is **62FFC9**.

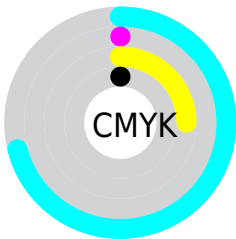
Distribution



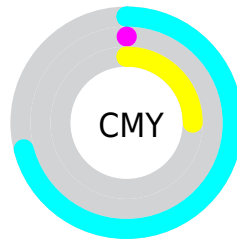
- Red (29%)
- Green (100%)
- Blue (75%)



- Red (29%)
- Yellow (72%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (71%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49FFC0 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 49FFC0 by changing the saturation by 10% instead.

 49FFC0

FFFFFF

 8FFFF9

 AFFFFFF

 CFFFFFF

 EFFFFFF

 49FFC0

 0CE2A5

 00C58A

 00A971

 008E58

 007341

 00592A

 004015

 002800

 000100

 49FFC0

 49FFC0

 30FFB7

 62FFC9

 16FFAE

 7CFFD2

 00FFA7

 95FFDA

 AFFFE3

 C9FFEC

 E2FFF5

 FBFFFE

FFFFFF

Harmonies

Analogous

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



A9F78A



49FFC0



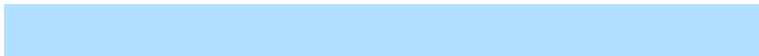
00FFFD

Triad

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



49FFC0



B2E0FF



FFBF93

Complementary

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



49FFC0



FF4988

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.



FFB2C9



49FFC0



FFC9FF

Square

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



49FFC0



00F2FF



FFB6FF



FFD46F

Rectangle

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



49FFC0



00FFFF



FFB6FF



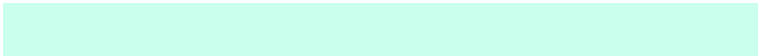
FFB9A4

Sweetspot

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



49FFC0



C9FFEC



89FF49



608074



000000



808080

Same Dimension

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



49FFC0



24FFB3



49E4FF



73807B



00BF7D



00402A

Inverse Universe

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



FF4988



FF2470



FF6449



807377



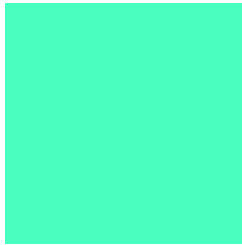
BF0042



400016

Previews

White Background



This preview shows how the Hex color 49FFC0 looks on a white background.

Color Contrast Check

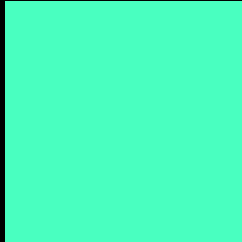
Large Text (above 18pt) WCAG AA × Fail

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 49FFC0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

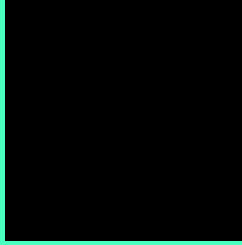
Any Text WCAG AA ✓ Pass

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 49FFC0 Background



This preview shows how black text looks on a background with the Hex color 49FFC0.



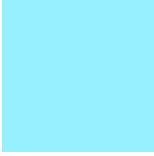
This preview shows how white text looks on a background with the Hex color 49FFC0.

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
96F0FF

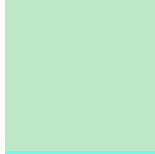
Trichromacy



Original Color
49FFC0



Protanomaly
B3EBB6



Deuteranomaly
BDE7C6

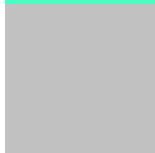


Tritanomaly
7AF5E8

Monochromacy



Original Color
49FFC0



Achromatopsia
C1C1C1



Achromatomaly
95D8C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 49FFC0 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 #49FFC0 looks like.

```
.text, #text, p{  
    color:#49FFC0  
}
```

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 #49FFC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49FFC0
}
```

Border

The CSS property to change the border of an element to Hex 49FFC0 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
#49FFC0 }
```

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

```
.border{ border-color:#49FFC0 }
```

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

Here you see how a box with a 4 pixel #49FFC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49FFC0; -webkit-box-shadow:4px 4px  
4px 4px #49FFC0; box-shadow:4px 4px 4px  
4px #49FFC0 }
```

Background

The CSS property to change the background color of an element to Hex 49FFC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49FFC0 }
```

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

```
.background{ background-color:#49FFC0 }
```

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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