

Converting Colors

Hex(49FFFF)

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

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Color

Hex(49FFFF)

Conversions

Conversions Part 1

Format	Color
Hex	49FFFF
RGB	73, 255, 255
RGB Percent	29%, 100%, 100%
CMY	0.7137, 0.0000, 0.0000
CMYK	0.71, 0.00, 0.00, 0.00
HSL	180°, 100%, 64%
HSV	180°, 71%, 100%
XYZ	56.5577, 80.1565, 107.0986
YIQ	200.5820, -108.4720, -38.5840

Conversions

Conversions Part 2

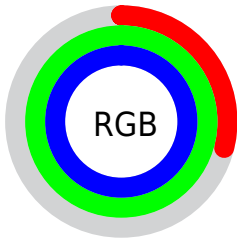
Format	Color
RYB	73, 164, 255
Decimal	4849663
CIELab	91.76, -43.91, -13.12
CIELCh	92, 45.825, 196.633
Yxy	80.1565, 0.2320, 0.3288
Android (android.graphics.Color)	4283039743 (0xFF49FFFF)
YUV	200.5820, 26.8281, -111.8894
Hunter-Lab	89.5301, -43.9164, -8.2533

Details

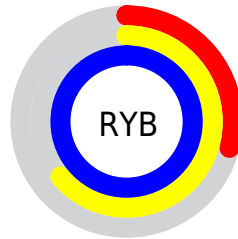
The Hex color **49FFFF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF4949**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **93FFFF**, and **00C6C6** is the 20% darker color. If you saturate the color by 10%, you get **30FFFF**, and if you desaturate by 10%, it is **62FFFF**.

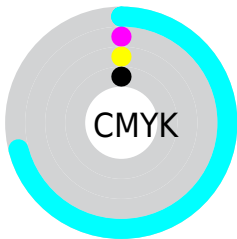
Distribution



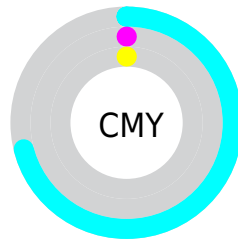
- Red (29%)
- Green (100%)
- Blue (100%)



- Red (29%)
- Yellow (64%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 49FFFF

 49FFFF

FFFFFF

 00E2E2

 93FFFF

 00C6C6

 B4FFFF

 00AAAB

 D4FFFF

 008F91

 F4FFFF

 007477

 005B5E

 004247

 002C30

 000D1C

 49FFFF

 49FFFF

 30FFFF

 62FFFF

 16FFFF

 7CFFFF

 00FFFF

 95FFFF

 AFFFFFFF

 C9FFFF

 E2FFFF

 FBFFFF

FFFFFFF

Harmonies

Analogous

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



83FED2



49FFFF



42FBFF

Triad

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



49FFFF



FFD3FF



FFDE92

Complementary

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



49FFFF



FF4949

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.



FFCFA9



49FFFF



FFC8FD

Square

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



49FFFF



D0E3FF



FFC6D0



ECEC92

Rectangle

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



49FFFF



6EF5FF



FFC6D0



FFD997

Sweetspot

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



49FFFF



C9FFFF



49FF49



608080



000000



808080

Same Dimension

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



49FFFF



24FFFF



49A4FF



738080



00BFBF



004040

Inverse Universe

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



FF49FF



FF24FF



FFA449



807380



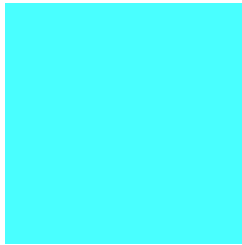
BF00BF



400040

Previews

White Background



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

Color Contrast Check

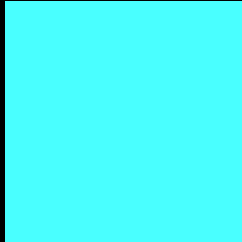
Large Text (above 18pt) WCAG AA × Fail

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 49FFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

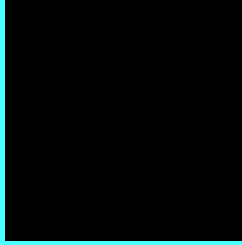
Any Text WCAG AA ✓ Pass

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 49FFFF Background



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

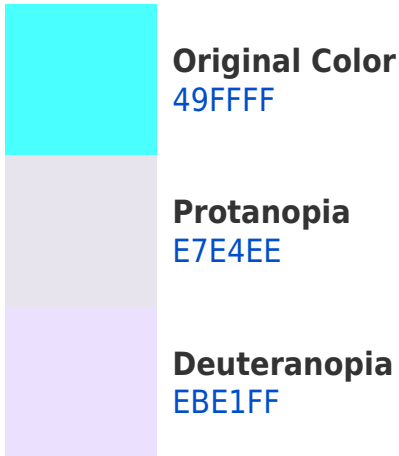


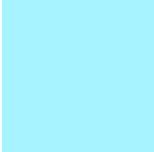
This preview shows how white text looks on a background with the Hex color 49FFFF.

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
A7F3FF

Trichromacy



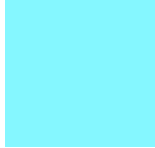
Original Color
49FFFF



Protanomaly
AEEEF4



Deuteranomaly
B0ECFF

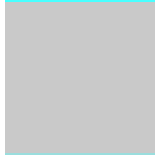


Tritanomaly
85F7FF

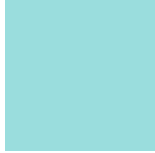
Monochromacy



Original Color
49FFFF



Achromatopsia
C9C9C9



Achromatomaly
9ADDDD

CSS Examples

Text

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

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

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 #49FFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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