

Converting Colors

Hex(49CDFF)

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

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Color

Hex(49CDFF)

Conversions

Conversions Part 1

Format	Color
Hex	49CDFF
RGB	73, 205, 255
RGB Percent	29%, 80%, 100%
CMY	0.7137, 0.1961, 0.0000
CMYK	0.71, 0.20, 0.00, 0.00
HSL	196°, 100%, 64%
HSV	196°, 71%, 100%
XYZ	42.6290, 52.2991, 102.4557
YIQ	171.2320, -94.7220, -12.4340

Conversions

Conversions Part 2

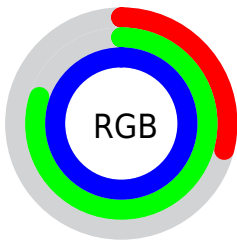
Format	Color
R_{YB}	73, 150, 255
Decimal	4836863
CIE _{Lab}	77.46, -20.11, -34.85
CIE _{LCh}	77, 40.235, 240.009
Yxy	52.2991, 0.2160, 0.2650
Android (android.graphics.Color)	4283026943 (0xFF49CDFF)
YUV	171.2320, 41.2976, -86.1495
Hunter-Lab	72.3181, -21.3373, -33.3756

Details

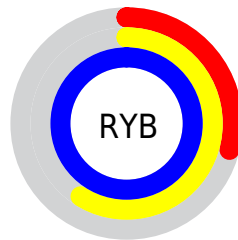
The Hex color **49CDFF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF7B49**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **8EFFFF**, and **0097C6** is the 20% darker color. If you saturate the color by 10%, you get **30C6FF**, and if you desaturate by 10%, it is **62D4FF**.

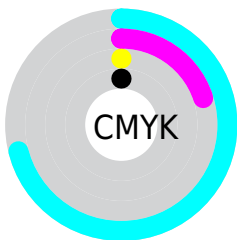
Distribution



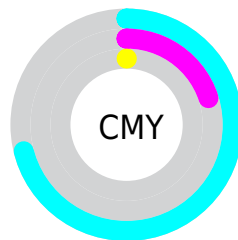
- Red (29%)
- Green (80%)
- Blue (100%)



- Red (29%)
- Yellow (59%)
- Blue (100%)



- Cyan (71%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 49CDFF

 49CDFF

FFFFFF

 10B1E2

 8EFFFF

 0097C6

 AEFFFF

 007DAB

 CDFFFF

 006490

 EDFFFF

 004C76

 00355D

 002145

 00042F

 000119

 49CDFF

 49CDFF

 30C6FF

 62D4FF

 16BFFF

 7CDBFF

 00B9FF

 95E2FF

 AFE9FF

 C9F0FF

 E2F7FF

 FBFEFF

FFFFFF

Harmonies

Analogous

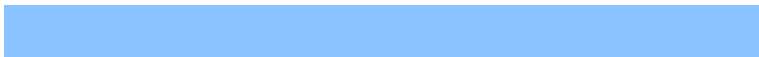
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27D2E3



49CDFE



8AC3FF

Triad

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



49CDDF



FFA3C1



B1C87E

Complementary

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



49CDDF



FF7B49

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.



D8BD74



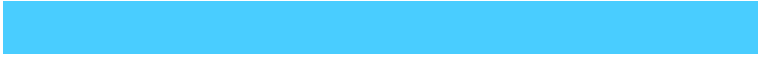
49CDFF



FFA69C

Square

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



49CDFE



EEA9E5



F6B080



85D099

Rectangle

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



49CDFE



B2BAFF



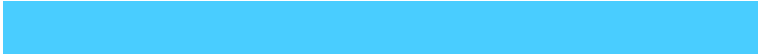
F6B080



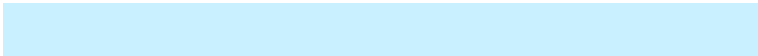
BFC578

Sweetspot

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



49CDFE



C9F0FF



49FF7A



607780



000000



808080

Same Dimension

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



49CDFE



24C3FF



4973FF



737C80



008BBF



002E40

Inverse Universe

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



FF49CD



FF24C3



FFD549



80737C



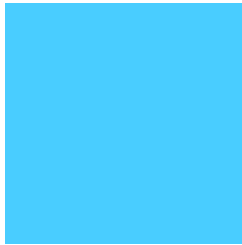
BF008B



40002E

Previews

White Background



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

Color Contrast Check

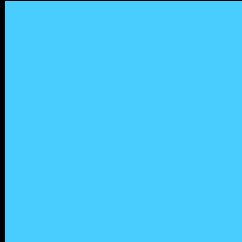
Large Text (above 18pt) WCAG AA × Fail

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 49CDEF 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

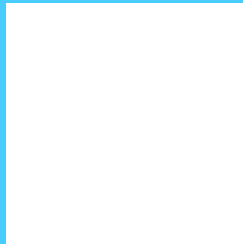
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 49CDFF Background



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

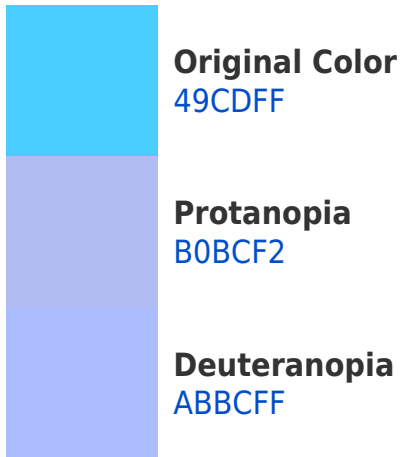


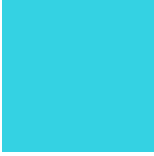
This preview shows how white text looks on a background with the Hex color 49CDFF.

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](#).

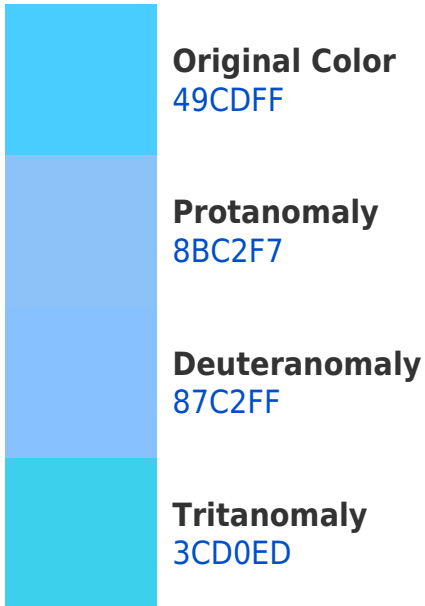
Dichromacy



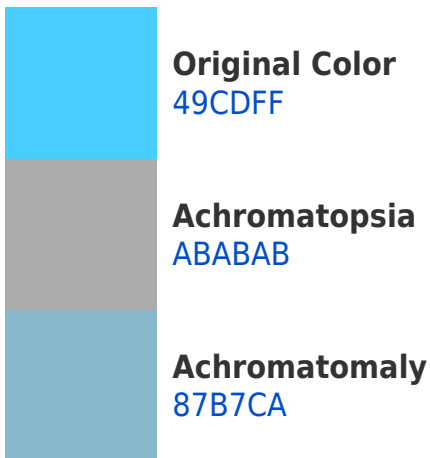


Tritanopia
34D2E3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #49CDFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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