

Converting Colors

Hex(49B8FF)

Have a look what the booklet for
Hex(49B8FF) contains.

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Color

Hex(49B8FF)

Conversions

Conversions Part 1

Format	Color
Hex	49B8FF
RGB	73, 184, 255
RGB Percent	29%, 72%, 100%
CMY	0.7137, 0.2784, 0.0000
CMYK	0.71, 0.28, 0.00, 0.00
HSL	203°, 100%, 64%
HSV	203°, 71%, 100%
XYZ	37.9381, 42.9174, 100.8921
YIQ	158.9050, -88.9470, -1.4510

Conversions

Conversions Part 2

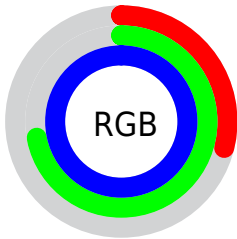
Format	Color
R _Y B	73, 142, 255
Decimal	4831487
CIE Lab	71.50, -9.01, -44.12
CIE LCh	71, 45.032, 258.461
Yxy	42.9174, 0.2087, 0.2361
Android (android.graphics.Color)	4283021567 (0xFF49B8FF)
YUV	158.9050, 47.3748, -75.3387
Hunter-Lab	65.5114, -11.2743, -45.4527

Details

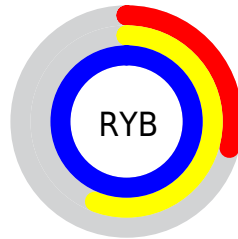
The Hex color **49B8FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FF9049**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8DF0FF**, and **0083C6** is the 20% darker color. If you saturate the color by 10%, you get **30AEFF**, and if you desaturate by 10%, it is **62C2FF**.

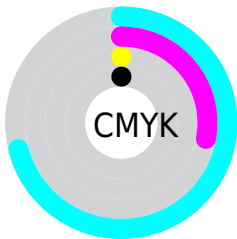
Distribution



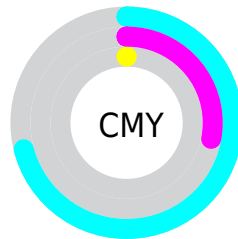
- Red (29%)
- Green (72%)
- Blue (100%)



- Red (29%)
- Yellow (56%)
- Blue (100%)



- Cyan (71%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49B8FF 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 49B8FF by changing the saturation by 10% instead.

 49B8FF

 49B8FF

FFFFFF

 139DE2

 8DF0FF

 0083C6

 ADFFFF

 006AAA

 CCFFFF

 005290

 EBFFFF

 003B76

 00265C

 001144

 00032D

 000118

■ 49B8FF

■ 49B8FF

■ 30AEFF

■ 62C2FF

■ 16A4FF

■ 7CCEFF

■ 009CFF

■ 95D6FF

■ AFE0FF

■ C9EAFF

■ E2F4FF

■ FBFEFF

FFFFFF

Harmonies

Analogous

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



00C1EB



49B8FF



9BAAFD

Triad

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



49B8FF



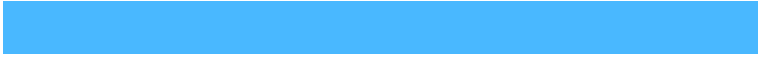
FE8F97



81BE77

Complementary

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



49B8FF



FF9049

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.



B0B55F



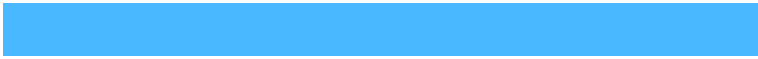
49B8FF



F39973

Square

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



49B8FF



F490C1



D7A75E



43C49D

Rectangle

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



49B8FF



C2A0F0



D7A75E



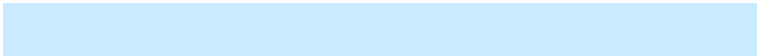
91BC6D

Sweetspot

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



49B8FF



C9EAFF



49FF8F



607380



000000



808080

Same Dimension

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



49B8FF



24A9FF



495EFF



737B80



0075BF



002740

Inverse Universe

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



FF49B8



FF24A9



FFEA49



80737B



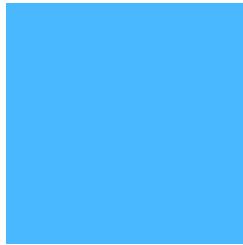
BF0075



400027

Previews

White Background



This preview shows how the Hex color 49B8FF looks on a white background.

Color Contrast Check

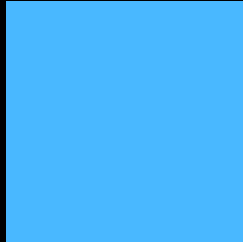
Large Text (above 18pt) WCAG AA × Fail

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 49B8FF 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

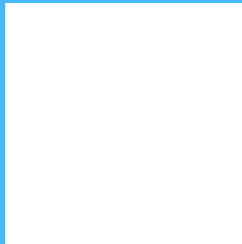
Any Text WCAG AAA ✓ Pass

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

Hex 49B8FF Background



This preview shows how black text looks on a background with the Hex color 49B8FF.

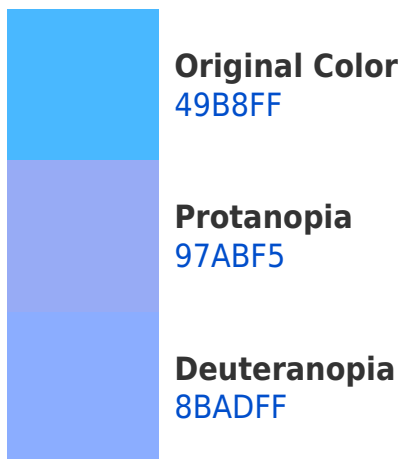


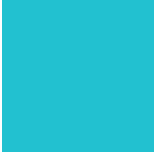
This preview shows how white text looks on a background with the Hex color 49B8FF.

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](#).

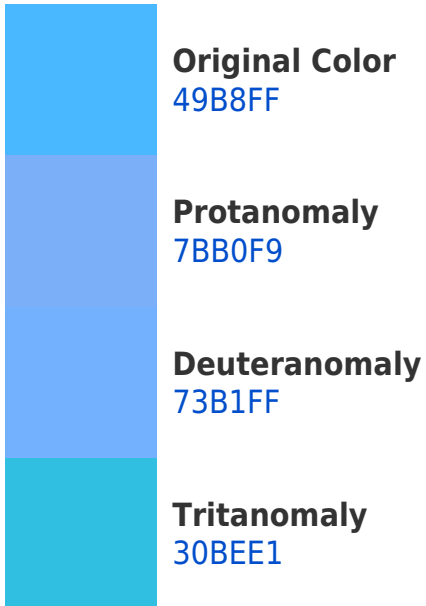
Dichromacy



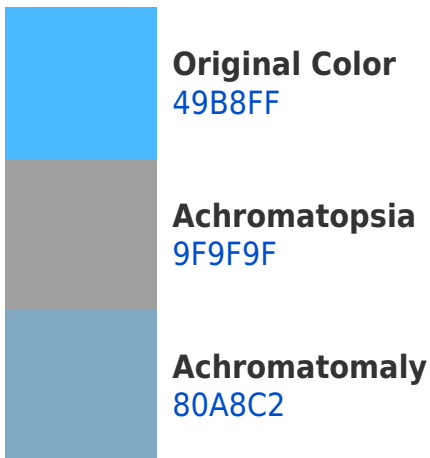


Tritanopia
22C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49B8FF 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 #49B8FF looks like.

```
.text, #text, p{  
    color:#49B8FF  
}
```

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 #49B8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49B8FF
}
```

Border

The CSS property to change the border of an element to Hex 49B8FF 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
#49B8FF }
```

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

```
.border{ border-color:#49B8FF }
```

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

Here you see how a box with a 4 pixel #49B8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49B8FF; -webkit-box-shadow:4px 4px  
4px 4px #49B8FF; box-shadow:4px 4px 4px  
4px #49B8FF }
```

Background

The CSS property to change the background color of an element to Hex 49B8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49B8FF }
```

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

```
.background{ background-color:#49B8FF }
```

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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