

Converting Colors

Hex(49D6F8)

Have a look what the booklet for
Hex(49D6F8) contains.

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Color

Hex(49D6F8)

Conversions

Conversions Part 1

Format	Color
Hex	49D6F8
RGB	73, 214, 248
RGB Percent	29%, 84%, 97%
CMY	0.7137, 0.1608, 0.0275
CMYK	0.71, 0.14, 0.00, 0.03
HSL	192°, 93%, 63%
HSV	192°, 71%, 97%
XYZ	43.7375, 56.2869, 97.3662
YIQ	175.7170, -94.9500, -19.3180

Conversions

Conversions Part 2

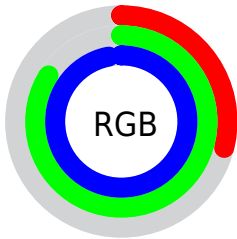
Format	Color
R _Y B	73, 151, 248
Decimal	4839160
CIE Lab	79.78, -26.81, -27.55
CIE LCh	80, 38.445, 225.779
Yxy	56.2869, 0.2216, 0.2852
Android (android.graphics.Color)	4283029240 (0xFF49D6F8)
YUV	175.7170, 35.6355, -90.0828
Hunter-Lab	75.0246, -27.2320, -24.4288

Details

The Hex color **49D6F8** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F86B49**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **8EFFFF**, and **009FC0** is the 20% darker color. If you saturate the color by 10%, you get **30D1F8**, and if you desaturate by 10%, it is **62DBF8**.

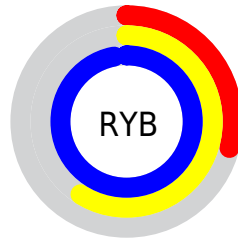
Distribution



Red (29%)

Green (84%)

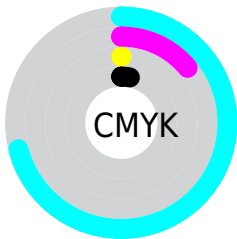
Blue (97%)



Red (29%)

Yellow (59%)

Blue (97%)

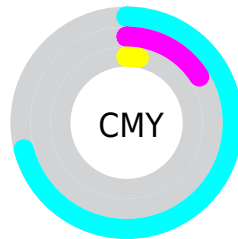


Cyan (71%)

Magenta (14%)

Yellow (0%)

Black (3%)



Cyan (71%)

Magenta (16%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49D6F8 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 49D6F8 by changing the saturation by 10% instead.

 49D6F8

 49D6F8

FFFFFF

 11BADB

 8EFFFF

 009FC0

 AEFFFF

 0085A4

 CDFFFF

 006B8A

 ECFFFF

 005370

 003B58

 002640

 00032A

 000115

■ 49D6F8

■ 49D6F8

■ 30D1F8

■ 62DBF8

■ 17CCF8

■ 7BE0F8

■ 00C8F8

■ 93E4F8

■ ACE9F8

■ C5EEF8

■ DEF3F8

■ F7F8F8

■ FFFDF8

■ FFFFF8

Harmonies

Analogous

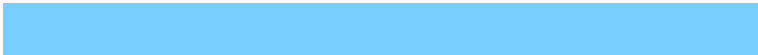
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4ED9D8



49D6F8



78CEFF

Triad

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



49D6F8



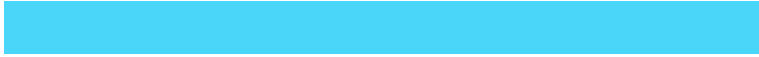
FFACD8



CBCA80

Complementary

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



49D6F8



F86B49

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.



EDBE81



49D6F8



FFABB4

Square

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



49D6F8



E2B6F8



FFB294



A3D393

Rectangle

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



49D6F8



9FC7FF



FFB294



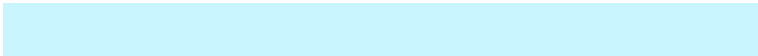
D7C67E

Sweetspot

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



49D6F8



C9F5FF



49F869



607980



000000



808080

Same Dimension

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



49D6F8



26D5FF



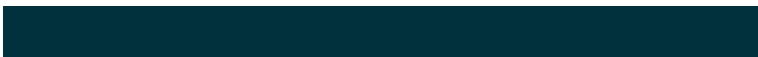
4980F8



707B7D



0098BD



00313D

Inverse Universe

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



F849D6



FF26D5



F8C149



7D707B



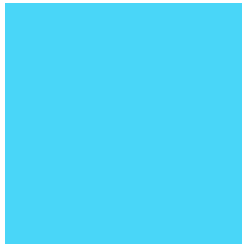
BD0098



3D0031

Previews

White Background



This preview shows how the Hex color 49D6F8 looks on a white background.

Color Contrast Check

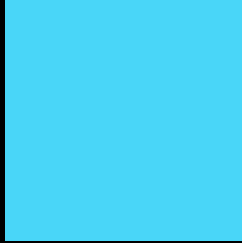
Large Text (above 18pt) WCAG AA × Fail

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 49D6F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

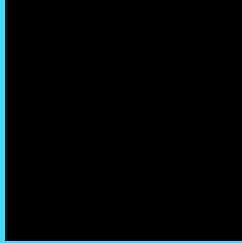
Any Text WCAG AA ✓ Pass

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 49D6F8 Background



This preview shows how black text looks on a background with the Hex color 49D6F8.

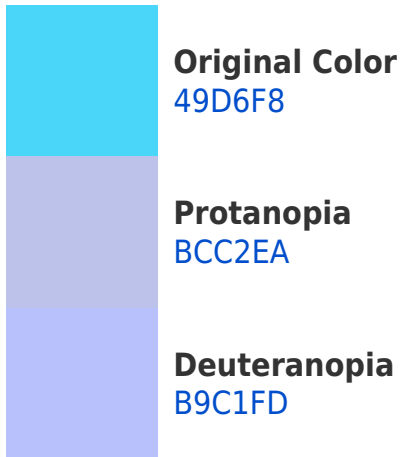


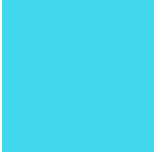
This preview shows how white text looks on a background with the Hex color 49D6F8.

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



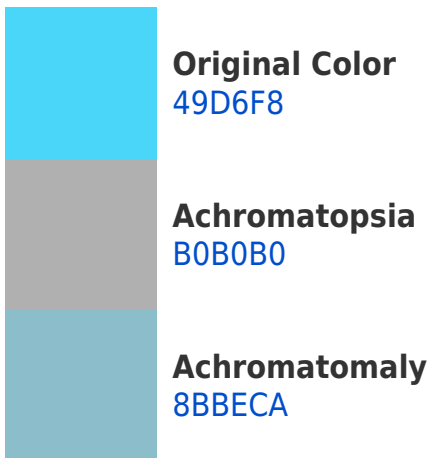


Tritanopia
40D8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49D6F8 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 #49D6F8 looks like.

```
.text, #text, p{  
    color:#49D6F8  
}
```

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 #49D6F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49D6F8
}
```

Border

The CSS property to change the border of an element to Hex 49D6F8 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
#49D6F8 }
```

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

```
.border{ border-color:#49D6F8 }
```

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

Here you see how a box with a 4 pixel #49D6F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49D6F8; -webkit-box-shadow:4px 4px  
4px 4px #49D6F8; box-shadow:4px 4px 4px  
4px #49D6F8 }
```

Background

The CSS property to change the background color of an element to Hex 49D6F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49D6F8 }
```

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

```
.background{ background-color:#49D6F8 }
```

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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