

Converting Colors

Hex(49D5F7)

Have a look what the booklet for
Hex(49D5F7) contains.

Hex(49D5F7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(49D5F7)

Conversions

Conversions Part 1

Format	Color
Hex	49D5F7
RGB	73, 213, 247
RGB Percent	29%, 84%, 97%
CMY	0.7137, 0.1647, 0.0314
CMYK	0.70, 0.14, 0.00, 0.03
HSL	192°, 92%, 63%
HSV	192°, 70%, 97%
XYZ	43.3304, 55.7204, 96.4670
YIQ	175.0160, -94.3540, -19.1060

Conversions

Conversions Part 2

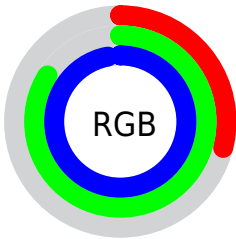
Format	Color
RYB	73, 151, 247
Decimal	4838903
CIELab	79.45, -26.62, -27.51
CIELCh	79, 38.285, 225.940
Yxy	55.7204, 0.2216, 0.2850
Android (android.graphics.Color)	4283028983 (0xFF49D5F7)
YUV	175.0160, 35.4881, -89.4680
Hunter-Lab	74.6461, -27.0153, -24.3697

Details

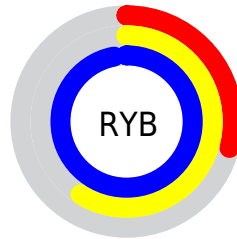
The Hex color **49D5F7** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F76B49**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **8EFFFF**, and **009EBF** is the 20% darker color. If you saturate the color by 10%, you get **30D0F7**, and if you desaturate by 10%, it is **62DAF7**.

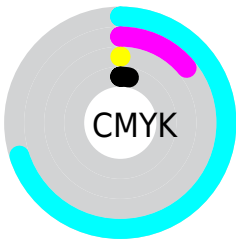
Distribution



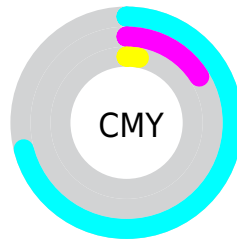
- Red (29%)
- Green (84%)
- Blue (97%)



- Red (29%)
- Yellow (59%)
- Blue (97%)



- Cyan (70%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (71%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49D5F7 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 49D5F7 by changing the saturation by 10% instead.

 49D5F7

 49D5F7

FFFFFF

 12B9DA

 8EFFFF

 009EBF

 ADFFFF

 0084A3

 CDFFFF

 006A89

 ECFFFF

 005270

 003A57

 00253F

 00032A

 000114

■ 49D5F7

■ 49D5F7

■ 30D0F7

■ 62DAF7

■ 18CBF7

■ 7ADFF7

■ 00C7F7

■ 93E3F7

■ ACE8F7

■ C5EDF7

■ DDF2F7

■ F6F7F7

■ FFFCF7

■ FFFFF7

Harmonies

Analogous

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



4DD8D7



49D5F7



78CDDF

Triad

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



49D5F7



FFACD7



CAC97F

Complementary

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



49D5F7



F76B49

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.



ECBD80



49D5F7



FFAAB3

Square

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



49D5F7



E1B5F7



FFB193



A2D292

Rectangle

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



49D5F7



9FC6FF



FFB193



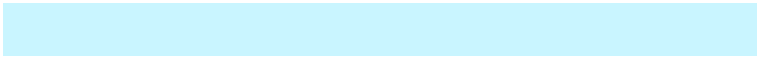
D6C57D

Sweetspot

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



49D5F7



C9F5FF



49F769



607980



000000



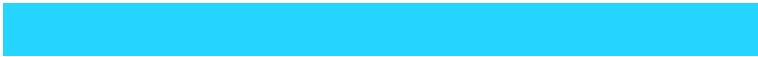
808080

Same Dimension

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



49D5F7



26D5FF



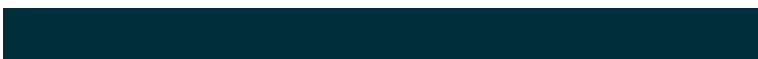
4980F7



6E787A



0096BA



002F3B

Inverse Universe

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



F749D5



FF26D5



F7C049



7A6E78



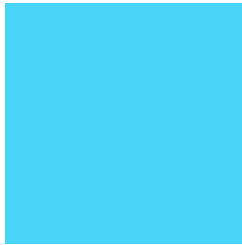
BA0096



3B002F

Previews

White Background



This preview shows how the Hex color 49D5F7 looks on a white background.

Color Contrast Check

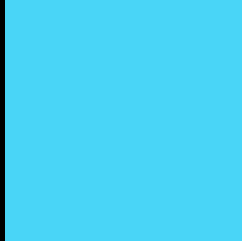
Large Text (above 18pt) WCAG AA × Fail

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 49D5F7 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 49D5F7 Background



This preview shows how black text looks on a background with the Hex color 49D5F7.



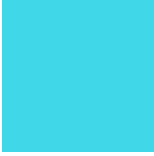
This preview shows how white text looks on a background with the Hex color 49D5F7.

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](#).

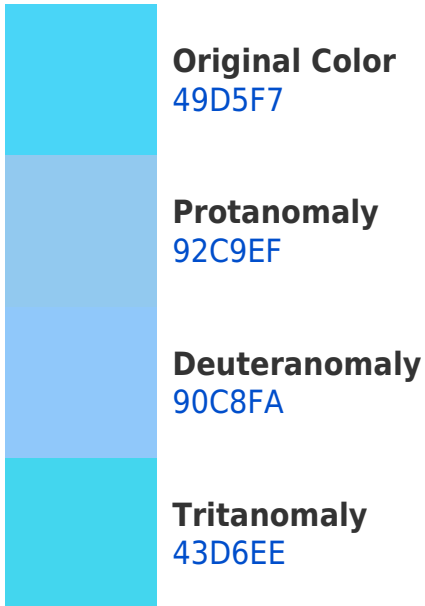
Dichromacy



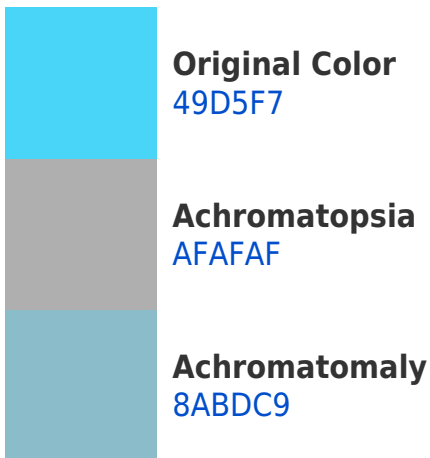


Tritanopia
40D7E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49D5F7 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 #49D5F7 looks like.

```
.text, #text, p{  
    color:#49D5F7  
}
```

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 #49D5F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49D5F7
}
```

Border

The CSS property to change the border of an element to Hex 49D5F7 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
#49D5F7 }
```

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

```
.border{ border-color:#49D5F7 }
```

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

Here you see how a box with a 4 pixel #49D5F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49D5F7; -webkit-box-shadow:4px 4px  
4px 4px #49D5F7; box-shadow:4px 4px 4px  
4px #49D5F7 }
```

Background

The CSS property to change the background color of an element to Hex 49D5F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49D5F7 }
```

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

```
.background{ background-color:#49D5F7 }
```

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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