

Converting Colors

Hex(49ADFC)

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

Hex(49ADFC)	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(49ADFC)

Conversions

Conversions Part 1

Format	Color
Hex	49ADFC
RGB	73, 173, 252
RGB Percent	29%, 68%, 99%
CMY	0.7137, 0.3216, 0.0118
CMYK	0.71, 0.31, 0.00, 0.01
HSL	206°, 97%, 64%
HSV	206°, 71%, 99%
XYZ	35.2619, 38.3319, 97.6358
YIQ	152.1060, -84.9590, 3.3690

Conversions

Conversions Part 2

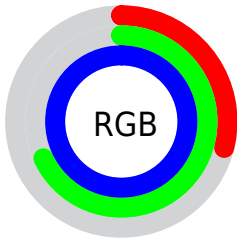
Format	Color
R _{YB}	73, 137, 252
Decimal	4828668
CIE Lab	68.26, -3.94, -47.58
CIE LCh	68, 47.741, 265.272
Yxy	38.3319, 0.2059, 0.2239
Android (android.graphics.Color)	4283018748 (0xFF49ADFC)
YUV	152.1060, 49.2477, -69.3760
Hunter-Lab	61.9127, -6.6841, -50.1608

Details

The Hex color **49ADFC** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FC9849**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **8DE4FF**, and **0079C3** is the 20% darker color. If you saturate the color by 10%, you get **30A2FC**, and if you desaturate by 10%, it is **62B8FC**.

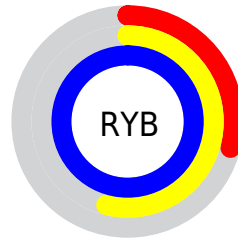
Distribution



Red (29%)

Green (68%)

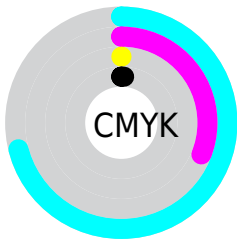
Blue (99%)



Red (29%)

Yellow (54%)

Blue (99%)

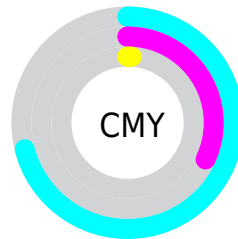


Cyan (71%)

Magenta (31%)

Yellow (0%)

Black (1%)



Cyan (71%)

Magenta (32%)

Yellow (1%)

Brightness & Saturation Gradients

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

 49ADFC

 49ADFC

FFFFFF

 1693DF

 8DE4FF

 0079C3

 ACFFFF

 0061A7

 CBFFFF

 00498D

 EAFFFF

 003373

 001F5A

 000742

 00032B

 000115

■ 49ADFC

■ 49ADFC

■ 30A2FC

■ 62B8FC

■ 1797FC

■ 7BC3FC

■ 008DFC

■ 95CEFC

■ AED9FC

■ C7E5FC

■ E0F0FC

■ F9FBFC

FFFFFC

Harmonies

Analogous

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



00B7EC



49ADFC



9F9EF4

Triad

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



49ADFC



F78584



67B874

Complementary

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



49ADFC



FC9849

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.



9CAF56



49ADFC



E79261

Square

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



49ADFC



F383AF



C6A24E



00BC9E

Rectangle

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



49ADFC



C693E3



C6A24E



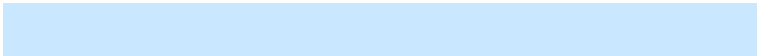
7AB568

Sweetspot

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



49ADFC



C9E7FF



49FC97



607180



000000



808080

Same Dimension

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



49ADFC



269FFF



4955FC



70777D



0069BD



00223D

Inverse Universe

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



FC49AD



FF269F



FCF049



7D7077



BD0069



3D0022

Previews

White Background



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

Color Contrast Check

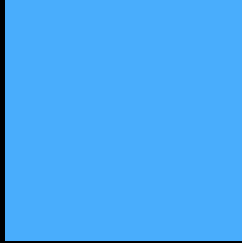
Large Text (above 18pt) WCAG AA × Fail

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 49ADFC 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

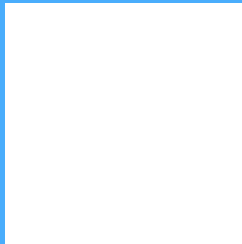
Any Text WCAG AAA ✓ Pass

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

Hex 49ADFC Background



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



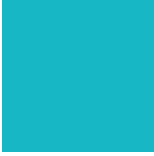
This preview shows how white text looks on a background with the Hex color 49ADFC.

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](#).

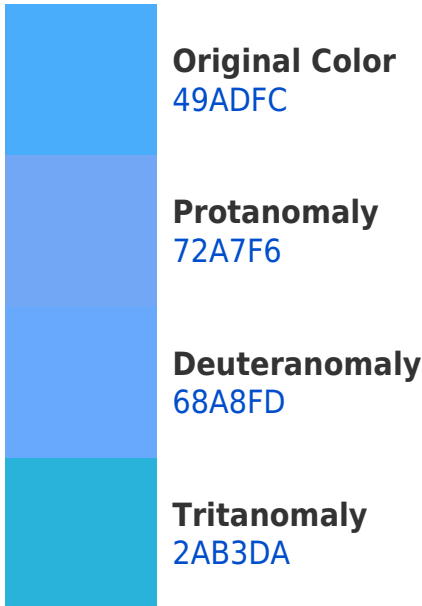
Dichromacy



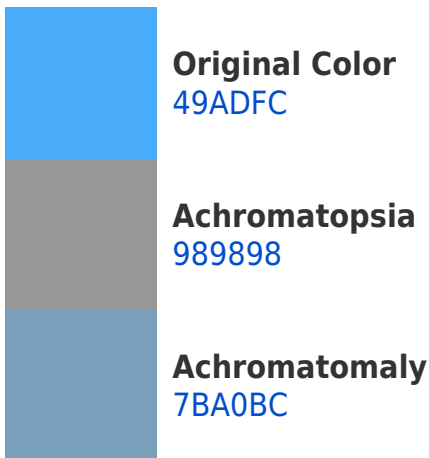


Tritanopia
18B7C6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #49ADFC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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