

# Converting Colors

Hex(49ADF5)

Have a look what the booklet for  
Hex(49ADF5) contains.

|  |    |
|--|----|
| <b>Hex(49ADF5)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(49ADF5)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 49ADF5                     |
| RGB         | 73, 173, 245               |
| RGB Percent | 29%, 68%, 96%              |
| CMY         | 0.7137, 0.3216, 0.0392     |
| CMYK        | 0.70, 0.29, 0.00, 0.04     |
| HSL         | 205°, 90%, 62%             |
| HSV         | 205°, 70%, 96%             |
| XYZ         | 34.1727, 37.8962, 91.8998  |
| YIQ         | 151.3080, -82.7120, 1.1920 |

# Conversions

## Conversions Part 2

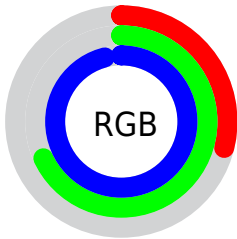
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>YB</sub>                     | 73, 136, 245                   |
| Decimal                             | 4828661                        |
| CIE <sub>Lab</sub>                  | 67.94, -6.29, -44.28           |
| CIE <sub>LCh</sub>                  | 68, 44.722, 261.912            |
| Y <sub>xy</sub>                     | 37.8962, 0.2084,<br>0.2311     |
| Android<br>(android.graphics.Color) | 4283018741<br>(0xFF49ADF5)     |
| Y <sub>UV</sub>                     | 151.3080, 46.1902,<br>-68.6761 |
| Hunter-Lab                          | 61.5599, -8.6422,<br>-45.4193  |

# Details

The Hex color **49ADF5** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **F59149**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8CE4FF**, and **0079BC** is the 20% darker color. If you saturate the color by 10%, you get **31A3F5**, and if you desaturate by 10%, it is **62B7F5**.

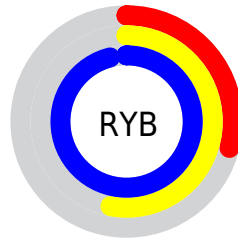
# Distribution



Red (29%)

Green (68%)

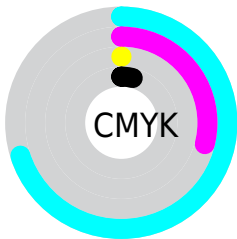
Blue (96%)



Red (29%)

Yellow (53%)

Blue (96%)

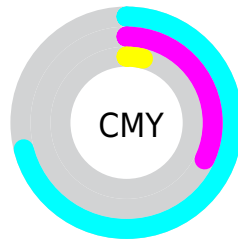


Cyan (70%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (71%)

Magenta (32%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49ADF5 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 49ADF5 by changing the saturation by 10% instead.



49ADF5

49ADF5

FFFFFF

1893D8

8CE4FF

0079BC

ABFFFF

0060A1

C9FFFF

004987

E8FFFF

00336D

001F54

00063C

000226

00010F

■ 49ADF5

■ 49ADF5

■ 31A3F5

■ 62B7F5

■ 1898F5

■ 7AC2F5

■ 008EF5

■ 93CCF5

■ ABD6F5

■ C4E0F5

■ DCEBF5

■ F5F5F5

■ FFFFF5

# Harmonies

## Analogous

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



00B6E4



49ADF5



989FF0

# Triad

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



49ADF5



F2868A



72B572

# Complementary

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



49ADF5



F59149

# 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.



A1AC58



49ADF5



E59167

# Square

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



49ADF5



EB86B2



C89F54



2DBA99

# Rectangle

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



49ADF5



BE95E2



C89F54



82B368

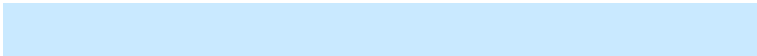


# Sweetspot

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



49ADF5



C9E9FF



49F591



607280



000000



808080



# Same Dimension

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



49ADF5



29A5FF



4957F5



6E757A



006CBA



00223B



# Inverse Universe

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



F549AD



FF29A5



F5E749



7A6E75



BA006C



3B0022



# Previews

## White Background



This preview shows how the Hex color 49ADF5 looks on a white background.

## Color Contrast Check

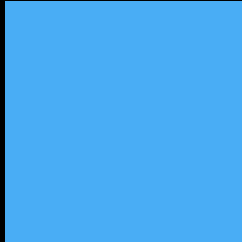
Large Text (above 18pt) WCAG AA × Fail

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 49ADF5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

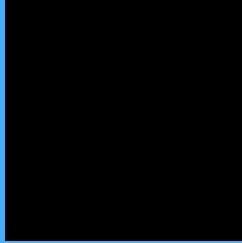
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

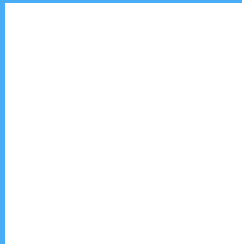
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 49ADF5 Background



This preview shows how black text looks on a background with the Hex color 49ADF5.

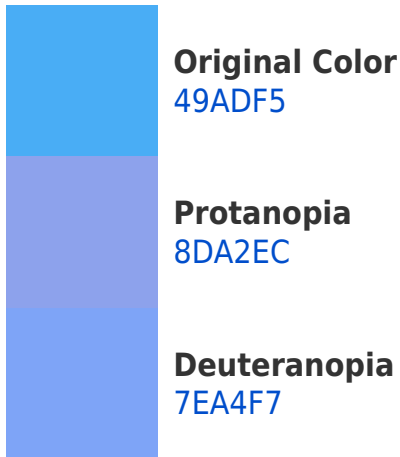


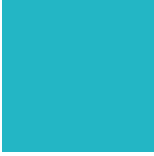
This preview shows how white text looks on a background with the Hex color 49ADF5.

# 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](#).

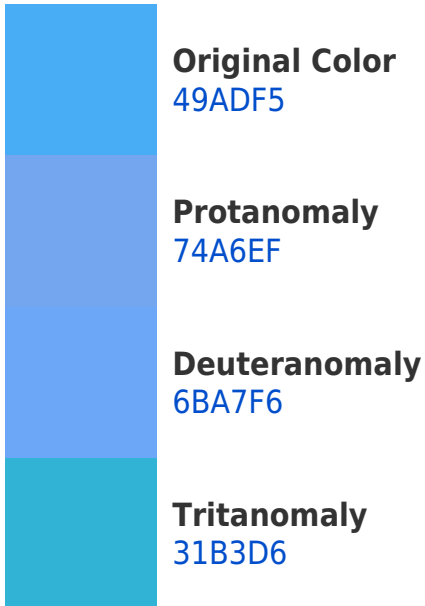
## Dichromacy



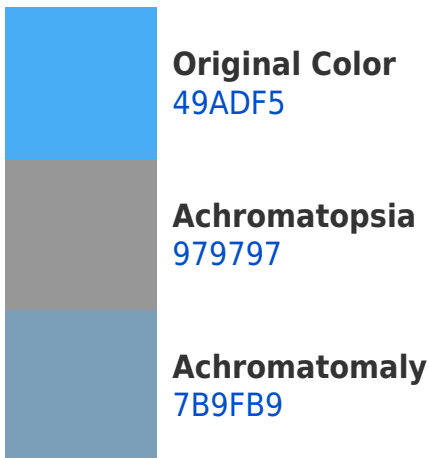


**Tritanopia**  
23B6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49ADF5 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 #49ADF5 looks like.

```
.text, #text, p{  
    color:#49ADF5  
}
```

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 #49ADF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49ADF5
}
```

## Border

The CSS property to change the border of an element to Hex 49ADF5 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
#49ADF5 }
```

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

```
.border{ border-color:#49ADF5 }
```

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

Here you see how a box with a 4 pixel #49ADF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49ADF5; -webkit-box-shadow:4px 4px  
4px 4px #49ADF5; box-shadow:4px 4px 4px  
4px #49ADF5 }
```

# Background

The CSS property to change the background color of an element to Hex 49ADF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49ADF5 }
```

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

```
.background{ background-color:#49ADF5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor