

Converting Colors

Hex(49CBF5)

Have a look what the booklet for
Hex(49CBF5) contains.

Hex(49CBF5)	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(49CBF5)

Conversions

Conversions Part 1

Format	Color
Hex	49CBF5
RGB	73, 203, 245
RGB Percent	29%, 80%, 96%
CMY	0.7137, 0.2039, 0.0392
CMYK	0.70, 0.17, 0.00, 0.04
HSL	195°, 90%, 62%
HSV	195°, 70%, 96%
XYZ	40.5850, 50.7209, 94.0373
YIQ	168.9180, -90.9620, -14.4980

Conversions

Conversions Part 2

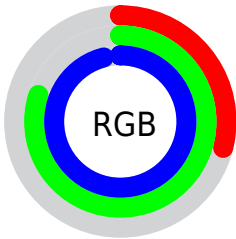
Format	Color
RYB	73, 147, 245
Decimal	4836341
CIELab	76.51, -22.24, -30.96
CIElCh	77, 38.121, 234.316
Yxy	50.7209, 0.2190, 0.2737
Android (android.graphics.Color)	4283026421 (0xFF49CBF5)
YUV	168.9180, 37.5084, -84.1201
Hunter-Lab	71.2186, -22.9116, -28.4337

Details

The Hex color **49CBF5** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F57349**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **8DFFFF**, and **0095BD** is the 20% darker color. If you saturate the color by 10%, you get **31C5F5**, and if you desaturate by 10%, it is **62D1F5**.

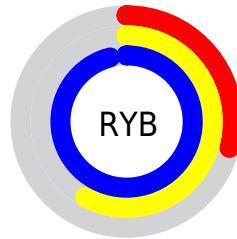
Distribution



Red (29%)

Green (80%)

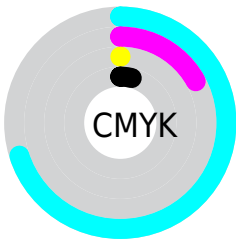
Blue (96%)



Red (29%)

Yellow (58%)

Blue (96%)

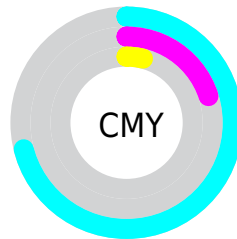


Cyan (70%)

Magenta (17%)

Yellow (0%)

Black (4%)



Cyan (71%)

Magenta (20%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49CBF5 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 49CBF5 by changing the saturation by 10% instead.

 49CBF5

 49CBF5

FFFFFF

 15AFD8


 8DFFFF

 0095BD

 ACFFFF

 007BA1

 CBFFFF

 006287

 EAFFFF

 004A6E

 003355

 001F3E

 000328

 000111

 49CBF5

 49CBF5

 31C5F5

 62D1F5

 18BFF5

 7AD7F5

 00B9F5

 93DDF5

 ABE3F5

 C4E9F5

 DCEFF5

 F5F5F5

 FFFBF5

 FFFFF5

Harmonies

Analogous

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



3BCFD9



49CBF5



80C2FF

Triad

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



49CBF5



FCA2C5



B7C37B

Complementary

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



49CBF5



F57349

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.



DBB876



49CBF5



FFA3A1

Square

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



49CBF5



E3AAE6



F5AC85



8ECB93

Rectangle

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



49CBF5



A6BAFF



F5AC85



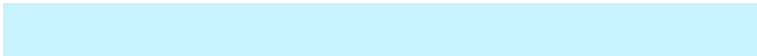
C4C078

Sweetspot

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



49CBF5



C9F2FF



49F571



607880



000000



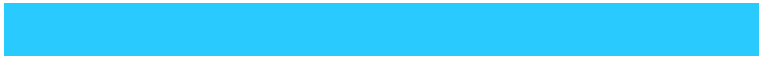
808080

Same Dimension

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



49CBF5



29CBFF



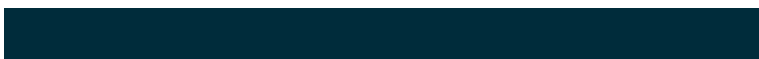
4977F5



6E777A



008DBA



002C3B

Inverse Universe

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



F549CB



FF29CB



F5C749



7A6E77



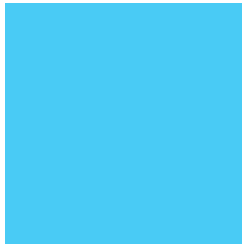
BA008D



3B002C

Previews

White Background



This preview shows how the Hex color 49CBF5 looks on a white background.

Color Contrast Check

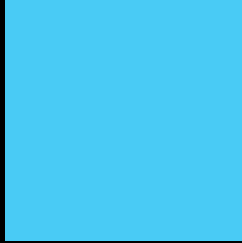
Large Text (above 18pt) WCAG AA × Fail

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 49CBF5 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 49CBF5 Background



This preview shows how black text looks on a background with the Hex color 49CBF5.

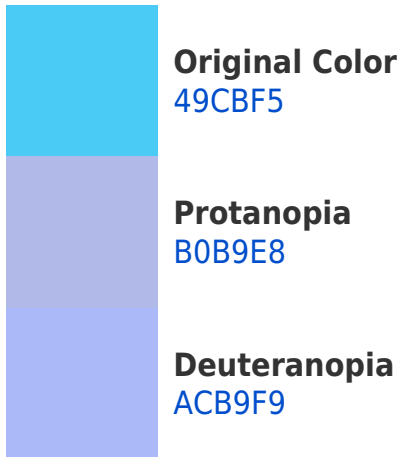


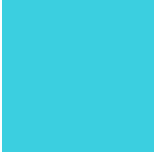
This preview shows how white text looks on a background with the Hex color 49CBF5.

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](#).

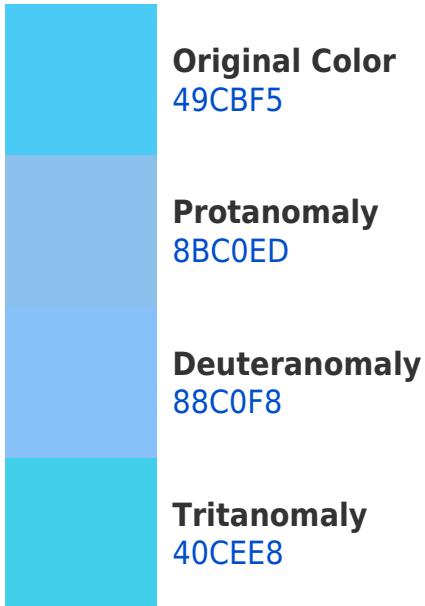
Dichromacy



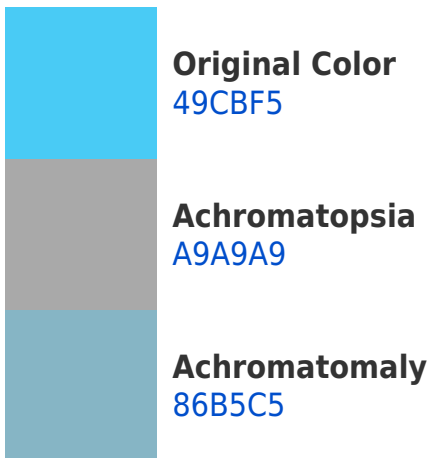


Tritanopia
3BCFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49CBF5 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 #49CBF5 looks like.

```
.text, #text, p{  
    color:#49CBF5  
}
```

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 #49CBF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49CBF5
}
```

Border

The CSS property to change the border of an element to Hex 49CBF5 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
#49CBF5 }
```

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

```
.border{ border-color:#49CBF5 }
```

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

Here you see how a box with a 4 pixel #49CBF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49CBF5; -webkit-box-shadow:4px 4px  
4px 4px #49CBF5; box-shadow:4px 4px 4px  
4px #49CBF5 }
```

Background

The CSS property to change the background color of an element to Hex 49CBF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49CBF5 }
```

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

```
.background{ background-color:#49CBF5 }
```

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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