

Converting Colors

Hex(49E0F2)

Have a look what the booklet for
Hex(49E0F2) contains.

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Color

Hex(49E0F2)

Conversions

Conversions Part 1

Format	Color
Hex	49E0F2
RGB	73, 224, 242
RGB Percent	29%, 88%, 95%
CMY	0.7137, 0.1216, 0.0510
CMYK	0.70, 0.07, 0.00, 0.05
HSL	186°, 87%, 62%
HSV	186°, 70%, 95%
XYZ	45.4303, 61.1386, 93.4109
YIQ	180.9030, -95.7740, -26.4140

Conversions

Conversions Part 2

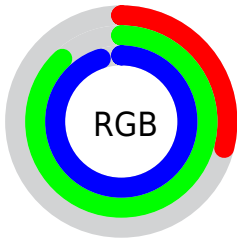
Format	Color
R_{YB}	73, 153, 242
Decimal	4841714
CIE _{Lab}	82.45, -33.43, -20.29
CIE _{LCh}	82, 39.108, 211.257
Yxy	61.1386, 0.2272, 0.3057
Android (android.graphics.Color)	4283031794 (0xFF49E0F2)
YUV	180.9030, 30.1208, -94.6309
Hunter-Lab	78.1912, -33.1232, -16.0969

Details

The Hex color **49E0F2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F25B49**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **8EFFFF**, and **00A8BA** is the 20% darker color. If you saturate the color by 10%, you get **31DDF2**, and if you desaturate by 10%, it is **61E3F2**.

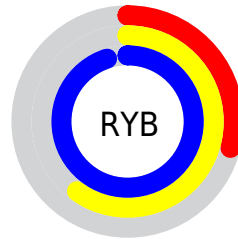
Distribution



Red (29%)

Green (88%)

Blue (95%)



Red (29%)

Yellow (60%)

Blue (95%)

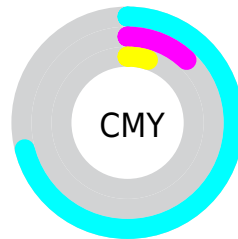


Cyan (70%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (12%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49E0F2 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 49E0F2 by changing the saturation by 10% instead.

 49E0F2

 49E0F2

FFFFFF

 10C4D6

 8EFFFF

 00A8BA

 AEFFFF

 008E9F

 CDFFFF

 007485

 EDFFFF

 005A6B

 004253

 002C3C

 001226

 000110

■ 49E0F2

■ 49E0F2

■ 31DDF2

■ 61E3F2

■ 19DBF2

■ 79E5F2

■ 00D8F2

■ 92E8F2

■ AAFAF2

■ C2EDF2

■ DAEFF2

■ F2F2F2

■ FFF5F2

■ FFF7F2

Harmonies

Analogous

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



66E1CE



49E0F2



64DAFF

Triad

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



49E0F2



FDB7F1



E5CB83

Complementary

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



49E0F2



F25B49

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.



FFBF8E



49E0F2



FFB1CD

Square

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



49E0F2



D4C3FF



FFB4A9



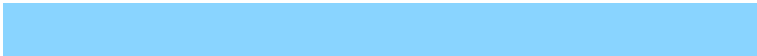
BED68D

Rectangle

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



49E0F2



89D4FF



FFB4A9



F0C785

Sweetspot

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



49E0F2



C9F9FF



49F25A



607C80



000000



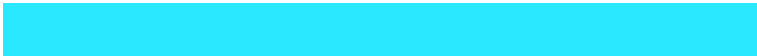
808080

Same Dimension

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



49E0F2



29E8FF



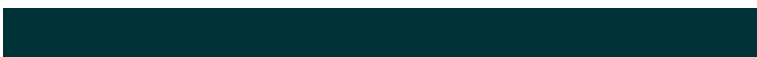
498DF2



6C7778



00A4B8



003238

Inverse Universe

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



F249E0



FF29E8



F2AE49



786C77



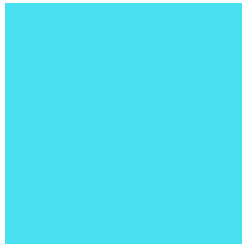
B800A4



380032

Previews

White Background



This preview shows how the Hex color 49E0F2 looks on a white background.

Color Contrast Check

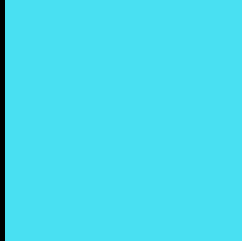
Large Text (above 18pt) WCAG AA × Fail

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 49E0F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

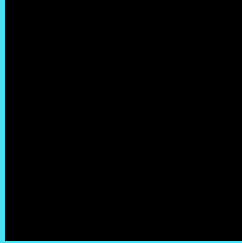
Any Text WCAG AA ✓ Pass

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 49E0F2 Background



This preview shows how black text looks on a background with the Hex color 49E0F2.

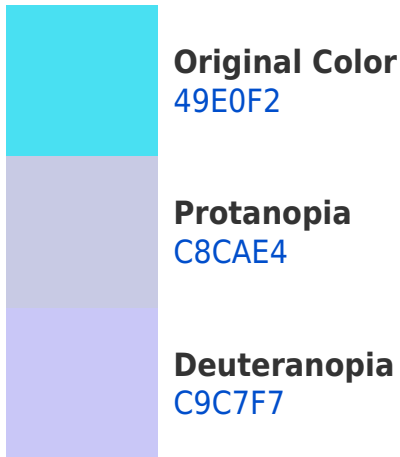


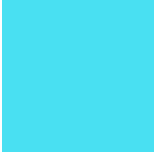
This preview shows how white text looks on a background with the Hex color 49E0F2.

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](#).

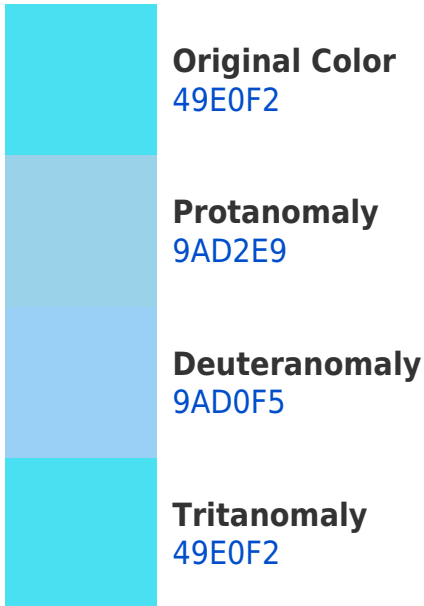
Dichromacy



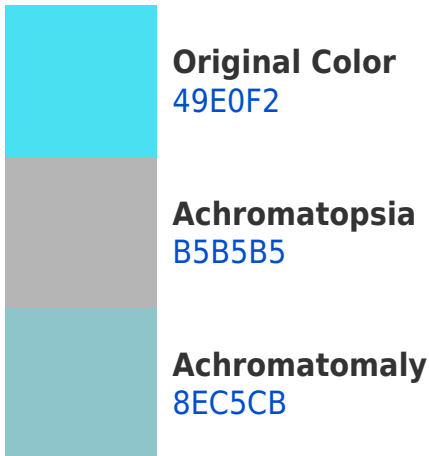


Tritanopia
49E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49E0F2 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 #49E0F2 looks like.

```
.text, #text, p{  
    color:#49E0F2  
}
```

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 #49E0F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49E0F2
}
```

Border

The CSS property to change the border of an element to Hex 49E0F2 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
#49E0F2 }
```

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

```
.border{ border-color:#49E0F2 }
```

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

Here you see how a box with a 4 pixel #49E0F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49E0F2; -webkit-box-shadow:4px 4px  
4px 4px #49E0F2; box-shadow:4px 4px 4px  
4px #49E0F2 }
```

Background

The CSS property to change the background color of an element to Hex 49E0F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49E0F2 }
```

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

```
.background{ background-color:#49E0F2 }
```

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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