

# Converting Colors

Hex(4EC4F5)

Have a look what the booklet for  
Hex(4EC4F5) contains.

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# **Color**

**Hex(4EC4F5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4EC4F5
RGB	78, 196, 245
RGB Percent	31%, 77%, 96%
CMY	0.6941, 0.2314, 0.0392
CMYK	0.68, 0.20, 0.00, 0.04
HSL	198°, 89%, 63%
HSV	198°, 68%, 96%
XYZ	39.3632, 47.6921, 93.5170
YIQ	166.3040, -86.0570, -9.7770

# Conversions

## Conversions Part 2

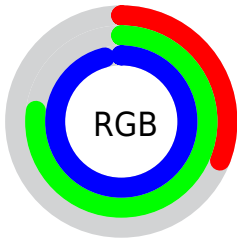
Format	Color
R <sub>Y</sub> B	78, 147, 245
Decimal	5162229
CIE Lab	74.63, -17.95, -33.85
CIE LCh	75, 38.317, 242.062
Yxy	47.6921, 0.2180, 0.2641
Android (android.graphics.Color)	4283352309 (0xFF4EC4F5)
YUV	166.3040, 38.7971, -77.4426
Hunter-Lab	69.0595, -19.1108, -31.9460

# Details

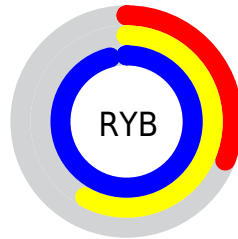
The Hex color **4EC4F5** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **F57F4E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **90FDFE**, and **008EBD** is the 20% darker color. If you saturate the color by 10%, you get **36BDF5**, and if you desaturate by 10%, it is **67CBF5**.

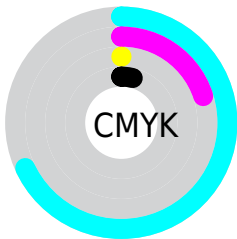
# Distribution



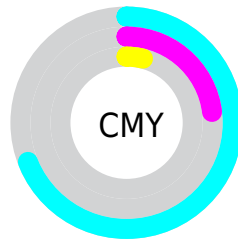
- Red (31%)
- Green (77%)
- Blue (96%)



- Red (31%)
- Yellow (58%)
- Blue (96%)



- Cyan (68%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (69%)
- Magenta (23%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EC4F5 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 4EC4F5 by changing the saturation by 10% instead.



 4EC4F5

 4EC4F5

FFFFFF

 21A9D8

 90FDF5

 008EBD

 AFFFFFF

 0075A1

 CEFFFF

 005C87

 EDFFFF

 00446D

 002E55

 001B3D

 000327

 000111

■ 4EC4F5

■ 4EC4F5

■ 36BDF5

■ 67CBF5

■ 1DB6F5

■ 7FD2F5

■ 05AEF5

■ 98DAF5

■ 00ADF5

■ B0E1F5

■ C9E8F5

■ E1EFF5

■ FAF6F5

■ FFFE5

■ FFFF5

# Harmonies

## Analogous

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



2CC9DC



4EC4F5



89BAFE

# Triad

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



4EC4F5



FA9CB6



A8C17B

# Complementary

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



4EC4F5



F57F4E

# 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.



CDB671



4EC4F5



FBA094

# Square

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



4EC4F5



E6A2D9



EAAA7A



7DC895

# Rectangle

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



4EC4F5



AEB2F9



EAAA7A



B5BE75

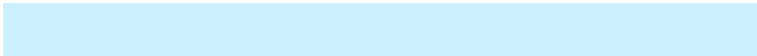


# Sweetspot

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



4EC4F5



CCF0FF



4EF57D



617780



000000



808080



# Same Dimension

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



4EC4F5



2EC2FF



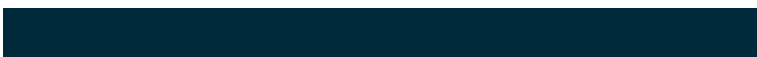
4E72F5



6E777A



0084BA



00293B



# Inverse Universe

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



F54EC4



FF2EC2



F5D14E



7A6E77



BA0084

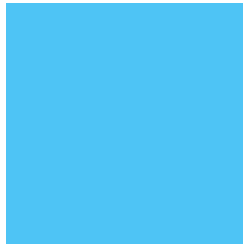


3B0029



# Previews

## White Background



This preview shows how the Hex color 4EC4F5 looks on a white background.

## Color Contrast Check

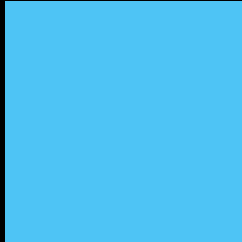
Large Text (above 18pt) WCAG AA × Fail

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 4EC4F5 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 4EC4F5 Background



This preview shows how black text looks on a background with the Hex color 4EC4F5.

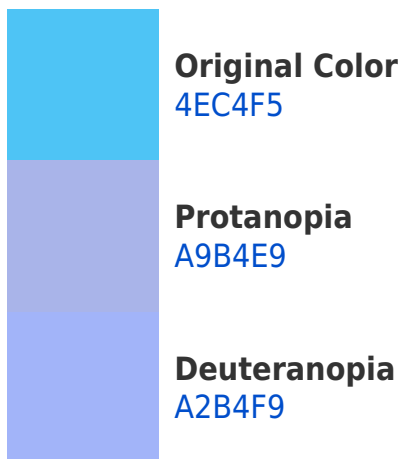


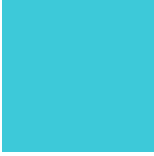
This preview shows how white text looks on a background with the Hex color 4EC4F5.

# 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](#).

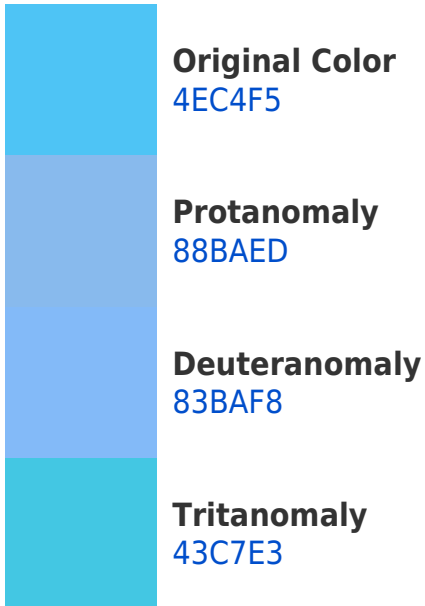
## Dichromacy



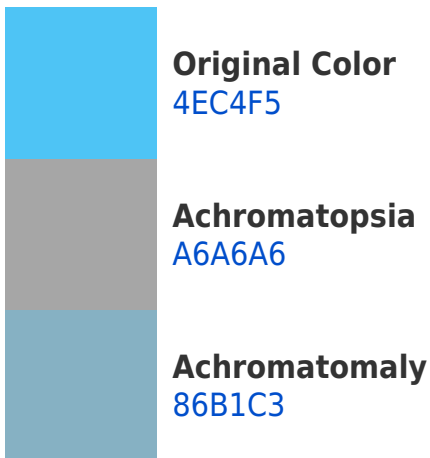


**Tritanopia**  
3DC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EC4F5 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 #4EC4F5 looks like.

```
.text, #text, p{  
    color:#4EC4F5  
}
```

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 #4EC4F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EC4F5
}
```

## Border

The CSS property to change the border of an element to Hex 4EC4F5 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
#4EC4F5 }
```

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

```
.border{ border-color:#4EC4F5 }
```

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

Here you see how a box with a 4 pixel #4EC4F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EC4F5; -webkit-box-shadow:4px 4px  
4px 4px #4EC4F5; box-shadow:4px 4px 4px  
4px #4EC4F5 }
```

# Background

The CSS property to change the background color of an element to Hex 4EC4F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EC4F5 }
```

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

```
.background{ background-color:#4EC4F5 }
```

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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