

# Converting Colors

Hex(5EE1F7)

Have a look what the booklet for  
Hex(5EE1F7) contains.

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# **Color**

**Hex(5EE1F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EE1F7
RGB	94, 225, 247
RGB Percent	37%, 88%, 97%
CMY	0.6314, 0.1176, 0.0314
CMYK	0.62, 0.09, 0.00, 0.03
HSL	189°, 91%, 67%
HSV	189°, 62%, 97%
XYZ	48.3298, 62.9455, 97.5981
YIQ	188.3390, -85.1380, -20.9300

# Conversions

## Conversions Part 2

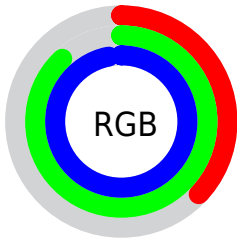
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 165, 247
Decimal	6218231
CIE Lab	83.41, -29.43, -21.43
CIE LCh	83, 36.404, 216.071
Yxy	62.9455, 0.2314, 0.3014
Android (android.graphics.Color)	4284408311 (0xFF5EE1F7)
YUV	188.3390, 28.9199, -82.7353
Hunter-Lab	79.3382, -30.1065, -17.3990

# Details

The Hex color **5EE1F7** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **F7745E**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **9EFFFF**, and **00A9BF** is the 20% darker color. If you saturate the color by 10%, you get **45DDF7**, and if you desaturate by 10%, it is **77E5F7**.

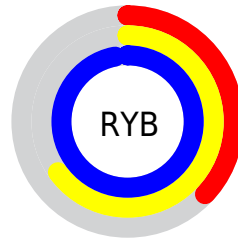
# Distribution



Red (37%)

Green (88%)

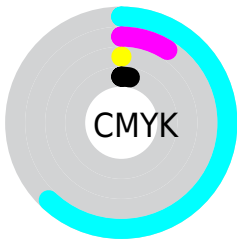
Blue (97%)



Red (37%)

Yellow (65%)

Blue (97%)

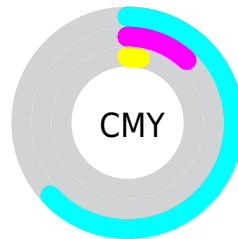


Cyan (62%)

Magenta (9%)

Yellow (0%)

Black (3%)



Cyan (63%)

Magenta (12%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EE1F7 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 5EE1F7 by changing the saturation by 10% instead.



 5EE1F7

 5EE1F7

FFFFFF

 38C5DA

 9EFFFF

 00A9BF

 BDFFFF

 008FA4

 DCFFFF

 007589

 FBFFFF

 005C70

 004457

 002D40

 00162A

 000115

■ 5EE1F7

■ 5EE1F7

■ 45DDF7

■ 77E5F7

■ 2DDAF7

■ 8FE8F7

■ 14D6F7

■ A8ECF7

■ 00D3F7

■ C1EFF7

■ DAF3F7

■ F2F6F7

■ FFFAF7

■ FFFDF7

■ FFFFF7

# Harmonies

## Analogous

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



6EE3D6



5EE1F7



7ADBFF

# Triad

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



5EE1F7



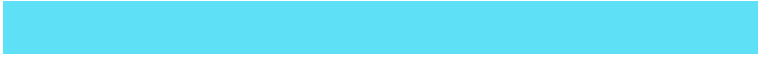
FFBAEC



E1D08B

# Complementary

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



5EE1F7



F7745E

# 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.



FFC492



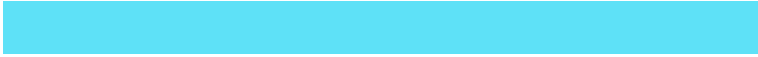
5EE1F7



FFB6CA

# Square

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



5EE1F7



DEC5FF



FFBAA9



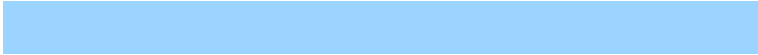
BCDA98

# Rectangle

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



5EE1F7



9BD4FF



FFBAA9



ECCC8B

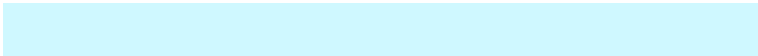


# Sweetspot

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



5EE1F7



CFF8FF



5EF772



627B80



000000



808080



# Same Dimension

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



5EE1F7



42E4FF



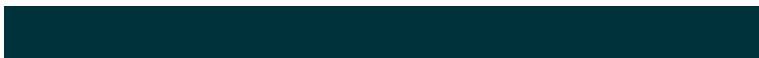
5E96F7



6E797A



009FBA



00323B



# Inverse Universe

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



F75EE1



FF42E4



F7BF5E



7A6E79



BA009F

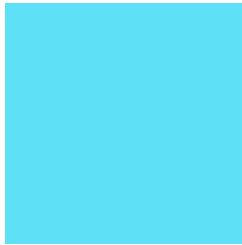


3B0032



# Previews

## White Background



This preview shows how the Hex color 5EE1F7 looks on a white background.

## Color Contrast Check

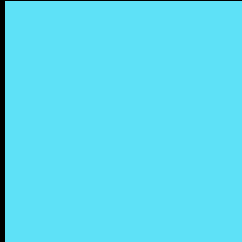
Large Text (above 18pt) WCAG AA × Fail

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 5EE1F7 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 5EE1F7 Background



This preview shows how black text looks on a background with the Hex color 5EE1F7.

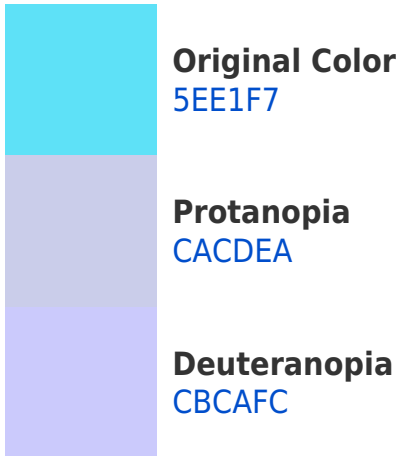


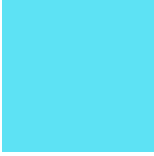
This preview shows how white text looks on a background with the Hex color 5EE1F7.

# 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](#).

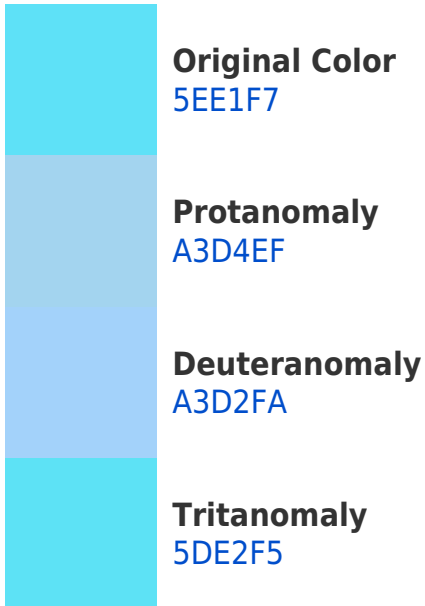
## Dichromacy



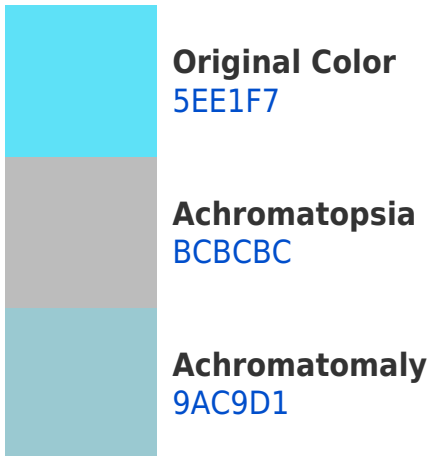


**Tritanopia**  
5DE2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EE1F7 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 #5EE1F7 looks like.

```
.text, #text, p{
  color:#5EE1F7
}
```

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 #5EE1F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE1F7
}
```

## Border

The CSS property to change the border of an element to Hex 5EE1F7 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
#5EE1F7 }
```

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

```
.border{ border-color:#5EE1F7 }
```

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

Here you see how a box with a 4 pixel #5EE1F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE1F7; -webkit-box-shadow:4px 4px  
4px 4px #5EE1F7; box-shadow:4px 4px 4px  
4px #5EE1F7 }
```

# Background

The CSS property to change the background color of an element to Hex 5EE1F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE1F7 }
```

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

```
.background{ background-color:#5EE1F7 }
```

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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