

Converting Colors

Hex(5EC8F7)

Have a look what the booklet for
Hex(5EC8F7) contains.

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Color

Hex(5EC8F7)

Conversions

Conversions Part 1

Format	Color
Hex	5EC8F7
RGB	94, 200, 247
RGB Percent	37%, 78%, 97%
CMY	0.6314, 0.2157, 0.0314
CMYK	0.62, 0.19, 0.00, 0.03
HSL	198°, 91%, 67%
HSV	198°, 62%, 97%
XYZ	42.0589, 50.4036, 95.5078
YIQ	173.6640, -78.2630, -7.8550

Conversions

Conversions Part 2

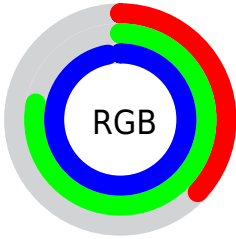
Format	Color
R _Y B	94, 157, 247
Decimal	6211831
CIE Lab	76.32, -16.90, -32.28
CIE LCh	76, 36.440, 242.370
Yxy	50.4036, 0.2238, 0.2681
Android (android.graphics.Color)	4284401911 (0xFF5EC8F7)
YUV	173.6640, 36.1546, -69.8653
Hunter-Lab	70.9955, -18.4959, -30.0639

Details

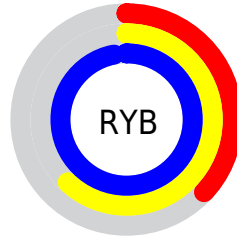
The Hex color **5EC8F7** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **F78D5E**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **9DFFFF**, and **0092BE** is the 20% darker color. If you saturate the color by 10%, you get **45C0F7**, and if you desaturate by 10%, it is **77D0F7**.

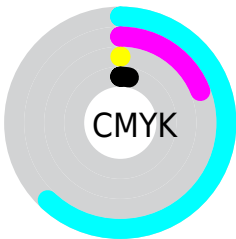
Distribution



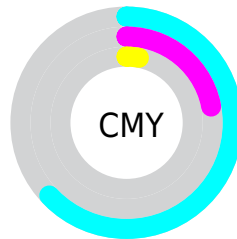
- Red (37%)
- Green (78%)
- Blue (97%)



- Red (37%)
- Yellow (62%)
- Blue (97%)



- Cyan (62%)
- Magenta (19%)
- Yellow (0%)
- Black (3%)



- Cyan (63%)
- Magenta (22%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EC8F7 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 5EC8F7 by changing the saturation by 10% instead.

 5EC8F7

 5EC8F7

FFFFFF

 3AADDA

 9DFFFF

 0092BE

 BBFFFF

 0078A3

 D9FFFF

 005F89

 F8FFFF

 00486F

 003157

 001E3F

 000329

 000113

■ 5EC8F7

■ 5EC8F7

■ 45C0F7

■ 77D0F7

■ 2DB9F7

■ 8FD7F7

■ 14B1F7

■ A8DFF7

■ 00ABF7

■ C1E6F7

■ DAEEF7

■ F2F6F7

■ FFFDF7

■ FFFFF7

Harmonies

Analogous

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



44CDDF



5EC8F7



92BFFF

Triad

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



5EC8F7



FDA3BB



ADC582

Complementary

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



5EC8F7



F78D5E

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.



D1BB79



5EC8F7



FDA69A

Square

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



5EC8F7



E9A8DC



EDAF81



85CC9C

Rectangle

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



5EC8F7



B4B7FA



EDAF81



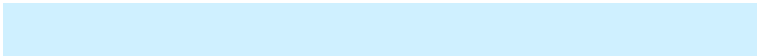
B9C27D

Sweetspot

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



5EC8F7



CFF0FF



5EF78C



627680



000000



808080

Same Dimension

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



5EC8F7



42C5FF



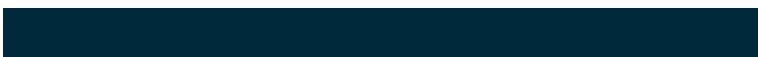
5E7DF7



6E777A



0081BA



00293B

Inverse Universe

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



F75EC8



FF42C5



F7D85E



7A6E77



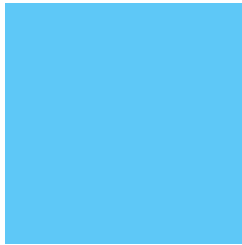
BA0081



3B0029

Previews

White Background



This preview shows how the Hex color 5EC8F7 looks on a white background.

Color Contrast Check

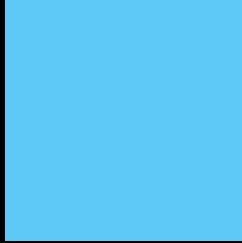
Large Text (above 18pt) WCAG AA × Fail

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 5EC8F7 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 5EC8F7 Background



This preview shows how black text looks on a background with the Hex color 5EC8F7.

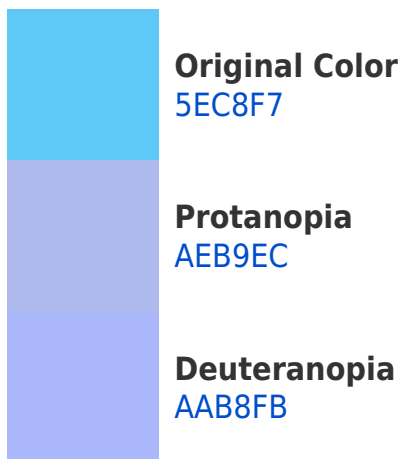


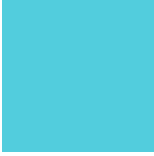
This preview shows how white text looks on a background with the Hex color 5EC8F7.

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](#).

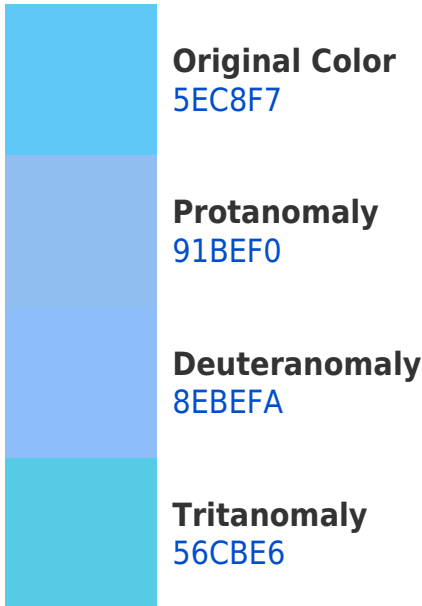
Dichromacy



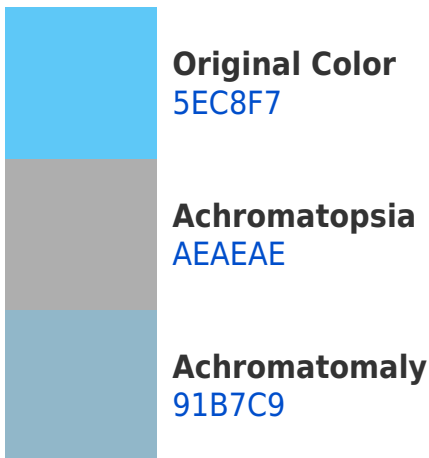


Tritanopia
52CDDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EC8F7 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 #5EC8F7 looks like.

```
.text, #text, p{  
    color:#5EC8F7  
}
```

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 #5EC8F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC8F7
}
```

Border

The CSS property to change the border of an element to Hex 5EC8F7 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
#5EC8F7 }
```

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

```
.border{ border-color:#5EC8F7 }
```

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

Here you see how a box with a 4 pixel #5EC8F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC8F7; -webkit-box-shadow:4px 4px  
4px 4px #5EC8F7; box-shadow:4px 4px 4px  
4px #5EC8F7 }
```

Background

The CSS property to change the background color of an element to Hex 5EC8F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC8F7 }
```

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

```
.background{ background-color:#5EC8F7 }
```

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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