

Converting Colors

Hex(5AC8F7)

Have a look what the booklet for
Hex(5AC8F7) contains.

Hex(5AC8F7)	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(5AC8F7)

Conversions

Conversions Part 1

Format	Color
Hex	5AC8F7
RGB	90, 200, 247
RGB Percent	35%, 78%, 97%
CMY	0.6471, 0.2157, 0.0314
CMYK	0.64, 0.19, 0.00, 0.03
HSL	198°, 91%, 66%
HSV	198°, 64%, 97%
XYZ	41.6592, 50.1976, 95.4891
YIQ	172.4680, -80.6470, -8.7030

Conversions

Conversions Part 2

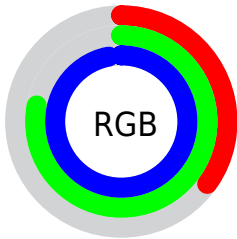
Format	Color
RYB	90, 155, 247
Decimal	5949687
CIELab	76.19, -17.57, -32.49
CIELCh	76, 36.934, 241.599
Yxy	50.1976, 0.2224, 0.2679
Android (android.graphics.Color)	4284139767 (0xFF5AC8F7)
YUV	172.4680, 36.7443, -72.3244
Hunter-Lab	70.8503, -19.0318, -30.3135

Details

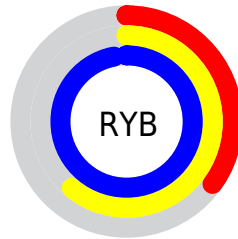
The Hex color **5AC8F7** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **F7895A**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **99FFFF**, and **0092BE** is the 20% darker color. If you saturate the color by 10%, you get **41C1F7**, and if you desaturate by 10%, it is **73CFF7**.

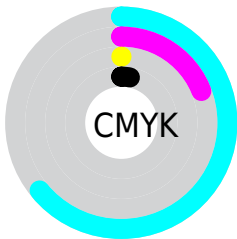
Distribution



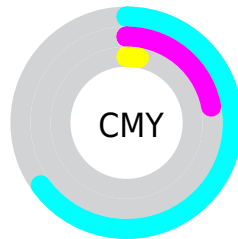
- Red (35%)
- Green (78%)
- Blue (97%)



- Red (35%)
- Yellow (61%)
- Blue (97%)



- Cyan (64%)
- Magenta (19%)
- Yellow (0%)
- Black (3%)



- Cyan (65%)
- Magenta (22%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AC8F7 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 5AC8F7 by changing the saturation by 10% instead.

 5AC8F7

 5AC8F7

FFFFFF

 35ADDA

 99FFFF

 0092BE

 B8FFFF

 0078A3

 D7FFFF

 005F89

 F5FFFF

 00486F

 003157

 001E3F

 000329

 000113

■ 5AC8F7

■ 5AC8F7

■ 41C1F7

■ 73CFF7

■ 29B9F7

■ 8BD7F7

■ 10B2F7

■ A4DEF7

■ 00ADF7

■ BDE6F7

■ D6EDF7

■ EEF4F7

■ FFFCF7

■ FFFFF7

Harmonies

Analogous

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



40CDDE



5AC8F7



8FBFFF

Triad

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



5AC8F7



FDA2BB



ADC581

Complementary

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



5AC8F7



F7895A

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.



D1BA77



5AC8F7



FEA59A

Square

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



5AC8F7



E9A7DD



EEAF81



85CB9A

Rectangle

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



5AC8F7



B3B7FB



ECAF81



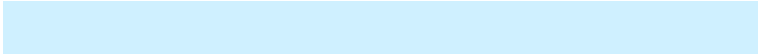
BAC17C

Sweetspot

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



5AC8F7



CFF0FF



5AF786



627780



000000



808080

Same Dimension

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



5AC8F7



3DC5FF



5A7CF7



6E777A



0082BA



00293B

Inverse Universe

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



F75AC8



FF3DC5



F7D55A



7A6E77



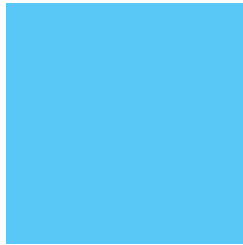
BA0082



3B0029

Previews

White Background



This preview shows how the Hex color 5AC8F7 looks on a white background.

Color Contrast Check

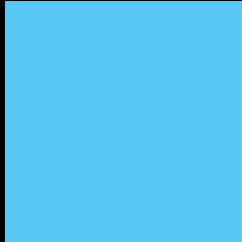
Large Text (above 18pt) WCAG AA × Fail

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 5AC8F7 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

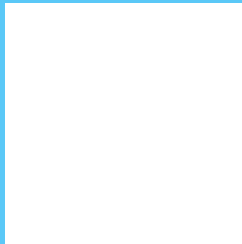
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5AC8F7 Background



This preview shows how black text looks on a background with the Hex color 5AC8F7.

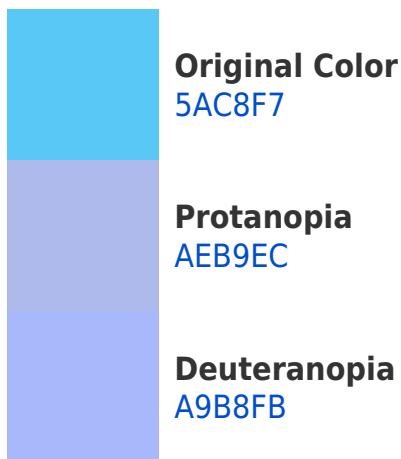


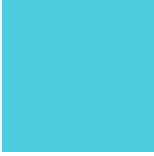
This preview shows how white text looks on a background with the Hex color 5AC8F7.

Color Blindness Simulation

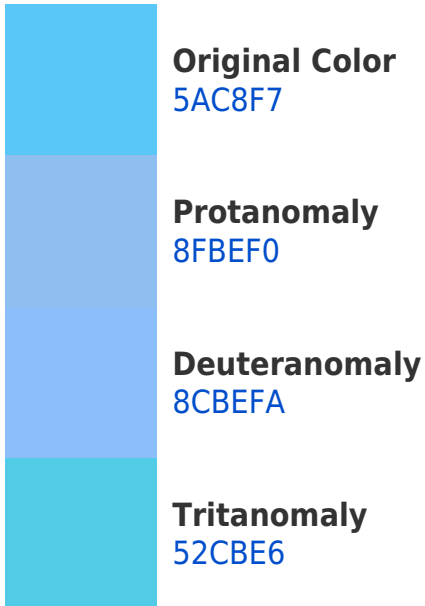
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

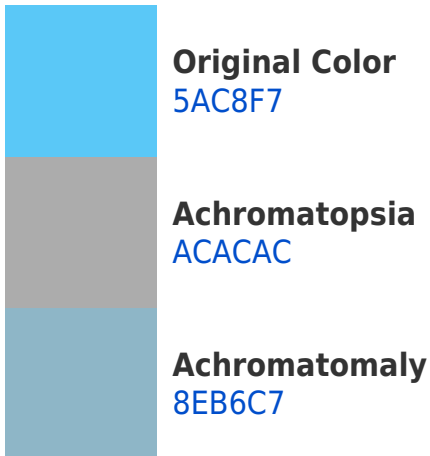




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AC8F7 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 #5AC8F7 looks like.

```
.text, #text, p{  
    color:#5AC8F7  
}
```

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 #5AC8F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC8F7
}
```

Border

The CSS property to change the border of an element to Hex 5AC8F7 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
#5AC8F7 }
```

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

```
.border{ border-color:#5AC8F7 }
```

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

Here you see how a box with a 4 pixel #5AC8F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC8F7; -webkit-box-shadow:4px 4px  
4px 4px #5AC8F7; box-shadow:4px 4px 4px  
4px #5AC8F7 }
```

Background

The CSS property to change the background color of an element to Hex 5AC8F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC8F7 }
```

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

```
.background{ background-color:#5AC8F7 }
```

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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