

Converting Colors

Hex(5AE5F8)

Have a look what the booklet for
Hex(5AE5F8) contains.

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Color

Hex(5AE5F8)

Conversions

Conversions Part 1

Format	Color
Hex	5AE5F8
RGB	90, 229, 248
RGB Percent	35%, 90%, 97%
CMY	0.6471, 0.1020, 0.0275
CMYK	0.64, 0.08, 0.00, 0.03
HSL	187°, 92%, 66%
HSV	187°, 64%, 97%
XYZ	49.1790, 64.9896, 98.7592
YIQ	189.6050, -88.9430, -23.5590

Conversions

Conversions Part 2

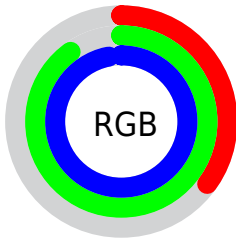
Format	Color
R_{YB}	90, 164, 248
Decimal	5957112
CIE _{Lab}	84.48, -31.69, -20.36
CIE _{LCh}	84, 37.667, 212.720
Yxy	64.9896, 0.2310, 0.3052
Android (android.graphics.Color)	4284147192 (0xFF5AE5F8)
YUV	189.6050, 28.7887, -87.3536
Hunter-Lab	80.6161, -32.1861, -16.2022

Details

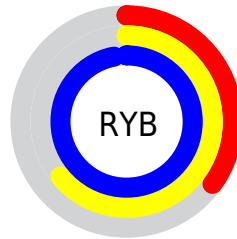
The Hex color **5AE5F8** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **F86D5A**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **9BFFFF**, and **00ADC0** is the 20% darker color. If you saturate the color by 10%, you get **41E2F8**, and if you desaturate by 10%, it is **73E8F8**.

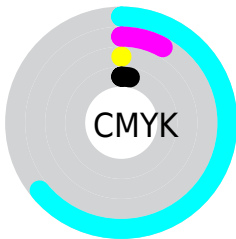
Distribution



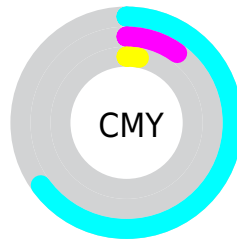
- Red (35%)
- Green (90%)
- Blue (97%)



- Red (35%)
- Yellow (64%)
- Blue (97%)



- Cyan (64%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (65%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AE5F8 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 5AE5F8 by changing the saturation by 10% instead.

 5AE5F8

 5AE5F8


FFFFFF

 32C9DB

 9BFFFF

 00ADC0

 BAFFFF

 0092A4

 D9FFFF

 00788A

 F9FFFF

 005F71

 004758

 002F41

 001A2B

 000116

■ 5AE5F8

■ 5AE5F8

■ 41E2F8

■ 73E8F8

■ 28DFF8

■ 8CEBF8

■ 10DCF8

■ A4EEF8

■ 00DAF8

■ BDF1F8

■ D6F4F8

■ EFF7F8

■ FFFAF8

■ FFFDF8

■ FFFFF8

Harmonies

Analogous

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



70E6D5



5AE5F8



74DFFF

Triad

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



5AE5F8



FFBDF4



E8D28B

Complementary

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



5AE5F8



F86D5A

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.



FFC695



5AE5F8



FFB8D1

Square

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



5AE5F8



DCC8FF



FFBBAE



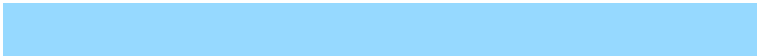
C2DC96

Rectangle

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



5AE5F8



96D9FF



FFBBAE



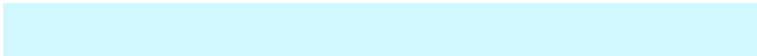
F3CE8C

Sweetspot

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



5AE5F8



CFF9FF



5AF86C



627C80



000000



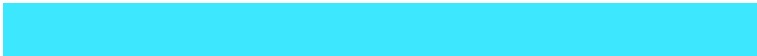
808080

Same Dimension

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



5AE5F8



3DE8FF



5A97F8



707B7D



00A6BD



00363D

Inverse Universe

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



F85AE5



FF3DE8



F8BB5A



7D707B



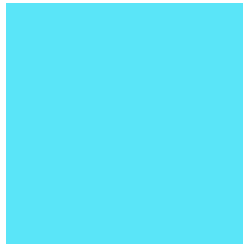
BD00A6



3D0036

Previews

White Background



This preview shows how the Hex color 5AE5F8 looks on a white background.

Color Contrast Check

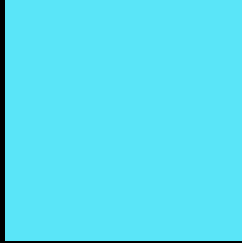
Large Text (above 18pt) WCAG AA × Fail

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 5AE5F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

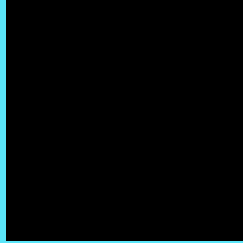
Any Text WCAG AA ✓ Pass

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 5AE5F8 Background



This preview shows how black text looks on a background with the Hex color 5AE5F8.

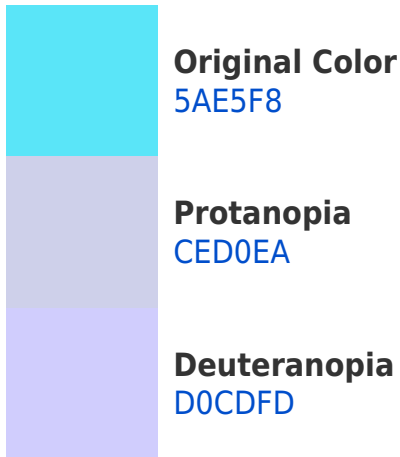


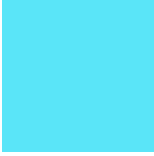
This preview shows how white text looks on a background with the Hex color 5AE5F8.

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](#).

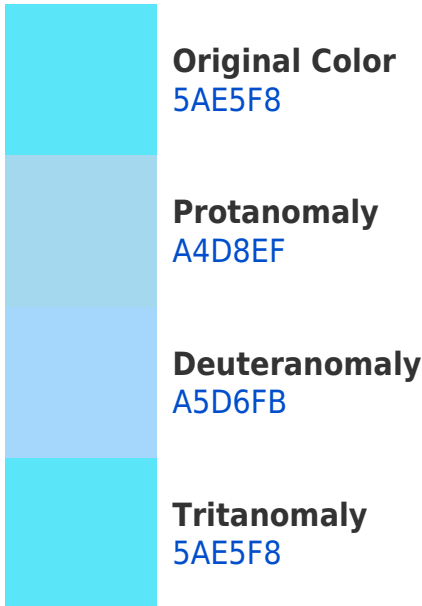
Dichromacy



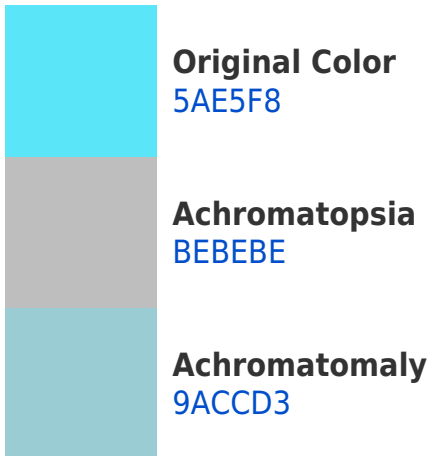


Tritanopia
5AE5F8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AE5F8 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 #5AE5F8 looks like.

```
.text, #text, p{  
    color:#5AE5F8  
}
```

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 #5AE5F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AE5F8  
}
```

Border

The CSS property to change the border of an element to Hex 5AE5F8 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  
#5AE5F8 }
```

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

```
.border{ border-color:#5AE5F8 }
```

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

Here you see how a box with a 4 pixel #5AE5F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AE5F8; -webkit-box-shadow:4px 4px  
4px 4px #5AE5F8; box-shadow:4px 4px 4px  
4px #5AE5F8 }
```

Background

The CSS property to change the background color of an element to Hex 5AE5F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AE5F8 }
```

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

```
.background{ background-color:#5AE5F8 }
```

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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