

Converting Colors

Hex(5AE0F2)

Have a look what the booklet for
Hex(5AE0F2) contains.

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Color

Hex(5AE0F2)

Conversions

Conversions Part 1

Format	Color
Hex	5AE0F2
RGB	90, 224, 242
RGB Percent	35%, 88%, 95%
CMY	0.6471, 0.1216, 0.0510
CMYK	0.63, 0.07, 0.00, 0.05
HSL	187°, 85%, 65%
HSV	187°, 63%, 95%
XYZ	46.8991, 61.8958, 93.4796
YIQ	185.9860, -85.6420, -22.8100

Conversions

Conversions Part 2

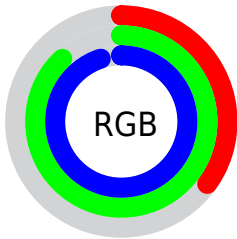
Format	Color
R _Y B	90, 161, 242
Decimal	5955826
CIE Lab	82.86, -31.01, -19.64
CIE LCh	83, 36.704, 212.351
Yxy	61.8958, 0.2319, 0.3060
Android (android.graphics.Color)	4284145906 (0xFF5AE0F2)
YUV	185.9860, 27.6149, -84.1797
Hunter-Lab	78.6739, -31.2717, -15.3762

Details

The Hex color **5AE0F2** 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 **F26C5A**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **9AFFFF**, and **00A8BA** is the 20% darker color. If you saturate the color by 10%, you get **42DDF2**, and if you desaturate by 10%, it is **72E3F2**.

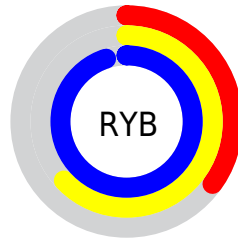
Distribution



Red (35%)

Green (88%)

Blue (95%)



Red (35%)

Yellow (63%)

Blue (95%)

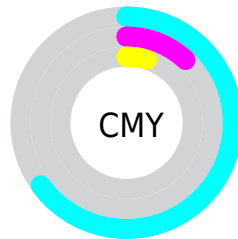


Cyan (63%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (65%)

Magenta (12%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AE0F2 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 5AE0F2 by changing the saturation by 10% instead.

 5AE0F2

 5AE0F2

FFFFFF

 33C4D6

 9AFFFF

 00A8BA

 B9FFFF

 008E9F

 D8FFFF

 007485

 F7FFFF

 005B6B

 004353

 002C3C

 001326

 000111

■ 5AE0F2

■ 5AE0F2

■ 42DDF2

■ 72E3F2

■ 2ADAF2

■ 8AE6F2

■ 11D7F2

■ A3E9F2

■ 00D5F2

■ BBEBF2

■ D3EEF2

■ EBF1F2

■ FFF4F2

■ FFF7F2

■ FFFAF2

Harmonies

Analogous

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



6FE1D0



5AE0F2



72DAFF

Triad

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



5AE0F2



FDB9EF



E4CD89

Complementary

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



5AE0F2



F26C5A

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.



FFC192



5AE0F2



FFB4CD

Square

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



5AE0F2



D7C4FF



FFB8AB



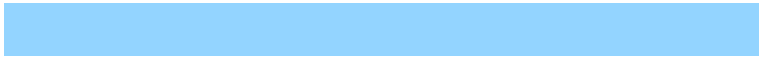
BFD793

Rectangle

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



5AE0F2



93D4FF



FFB8AB



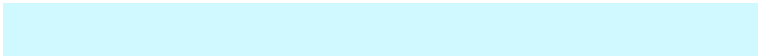
EEC98A

Sweetspot

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



5AE0F2



CFF9FF



5AF26C



627C80



000000



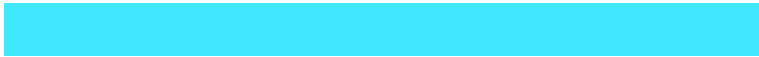
808080

Same Dimension

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



5AE0F2



40E8FF



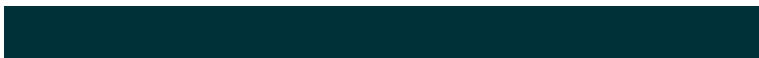
5A94F2



6C7678



00A2B8



003138

Inverse Universe

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



F25AE0



FF40E8



F2B85A



786C76



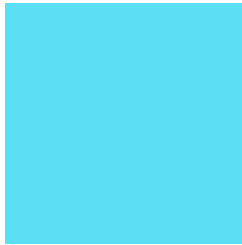
B800A2



380031

Previews

White Background



This preview shows how the Hex color 5AE0F2 looks on a white background.

Color Contrast Check

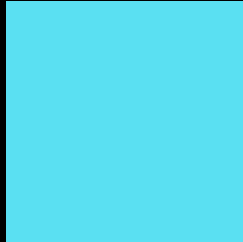
Large Text (above 18pt) WCAG AA × Fail

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 5AE0F2 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 5AE0F2 Background



This preview shows how black text looks on a background with the Hex color 5AE0F2.

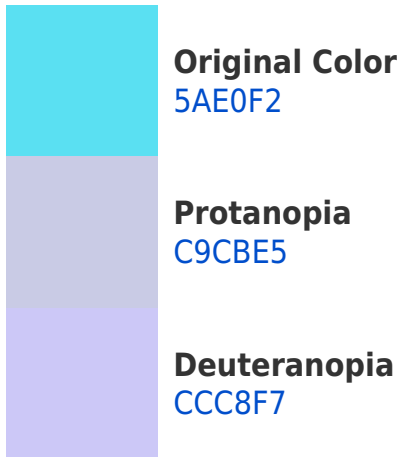


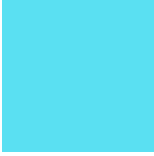
This preview shows how white text looks on a background with the Hex color 5AE0F2.

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



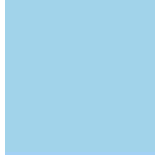


Tritanopia
5AE0F2

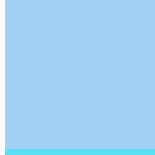
Trichromacy



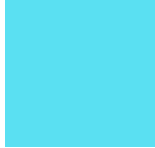
Original Color
5AE0F2



Protanomaly
A1D3EA



Deuteranomaly
A3D1F5

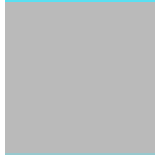


Tritanomaly
5AE0F2

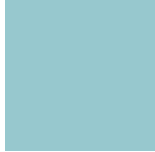
Monochromacy



Original Color
5AE0F2



Achromatopsia
BABABA



Achromatomaly
97C8CE

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AE0F2 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 #5AE0F2 looks like.

```
.text, #text, p{  
    color:#5AE0F2  
}
```

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 #5AE0F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AE0F2
}
```

Border

The CSS property to change the border of an element to Hex 5AE0F2 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
#5AE0F2 }
```

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

```
.border{ border-color:#5AE0F2 }
```

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

Here you see how a box with a 4 pixel #5AE0F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AE0F2; -webkit-box-shadow:4px 4px  
4px 4px #5AE0F2; box-shadow:4px 4px 4px  
4px #5AE0F2 }
```

Background

The CSS property to change the background color of an element to Hex 5AE0F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AE0F2 }
```

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

```
.background{ background-color:#5AE0F2 }
```

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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