

Converting Colors

Hex(5AF1E0)

Have a look what the booklet for
Hex(5AF1E0) contains.

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Color

Hex(5AF1E0)

Conversions

Conversions Part 1

Format	Color
Hex	5AF1E0
RGB	90, 241, 224
RGB Percent	35%, 95%, 88%
CMY	0.6471, 0.0549, 0.1216
CMYK	0.63, 0.00, 0.07, 0.05
HSL	173°, 84%, 65%
HSV	173°, 63%, 95%
XYZ	49.1263, 70.4661, 81.5331
YIQ	193.9130, -84.5390, -37.2990

Conversions

Conversions Part 2

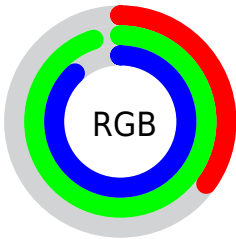
Format	Color
R_{YB}	90, 170, 241
Decimal	5960160
CIE _{Lab}	87.22, -43.67, -3.64
CIE _{LCh}	87, 43.824, 184.767
Yxy	70.4661, 0.2443, 0.3504
Android (android.graphics.Color)	4284150240 (0xFF5AF1E0)
YUV	193.9130, 14.8329, -91.1317
Hunter-Lab	83.9441, -42.4392, 1.1737

Details

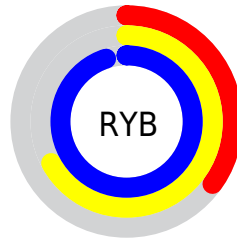
The Hex color **5AF1E0** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **F15A6B**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **9BFFFF**, and **00B8A9** is the 20% darker color. If you saturate the color by 10%, you get **42F1DD**, and if you desaturate by 10%, it is **72F1E3**.

Distribution



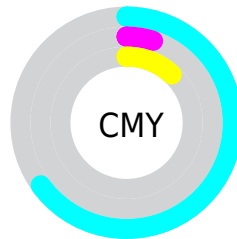
- Red (35%)
- Green (95%)
- Blue (88%)



- Red (35%)
- Yellow (67%)
- Blue (95%)



- Cyan (63%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (65%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AF1E0 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 5AF1E0 by changing the saturation by 10% instead.

 5AF1E0

 5AF1E0

FFFFFF

 33D4C4

 9BFFFF

 00B8A9

 BAF1FF

 009D8E

 D9FFFF

 008275

 F8FFFF

 00685C

 004F45

 00372F

 00211A

 000000

 5AF1E0

 5AF1E0

 42F1DD

 72F1E3

 2AF1DB

 8AF1E5

 12F1D8

 A2F1E8

 00F1D6

 BAF1EB

 D3F1EE

 EBF1F0

 FFF1F3

 FFF1F6

 FFF1F8

Harmonies

Analogous

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



91EEB6



5AF1E0



34EFFF

Triad

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



5AF1E0



E8CDFE



FFC990

Complementary

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



5AF1E0



F15A6B

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.



FFBFAD



5AF1E0



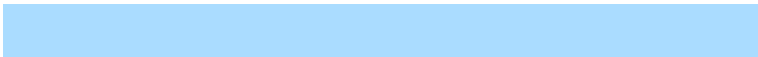
FFC0FF

Square

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



5AF1E0



AADCFF



FFBAD5



F0DA87

Rectangle

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



5AF1E0



4DEBFF



FFBAD5



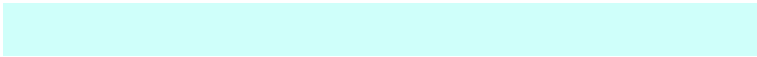
FFC798

Sweetspot

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



5AF1E0



CFFFA



6CF15A



62807C



000000



808080

Same Dimension

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



5AF1E0



40FFE9



5AB7F1



6C7877



00B8A3



003832

Inverse Universe

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



F15A6B



FF4055



F1945A



786C6D



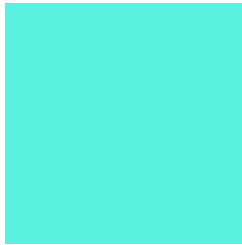
B80015



380006

Previews

White Background



This preview shows how the Hex color 5AF1E0 looks on a white background.

Color Contrast Check

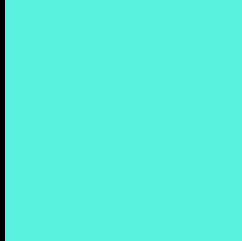
Large Text (above 18pt) WCAG AA × Fail

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 5AF1E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

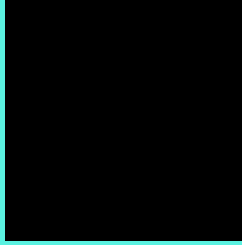
Any Text WCAG AA ✓ Pass

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 5AF1E0 Background



This preview shows how black text looks on a background with the Hex color 5AF1E0.



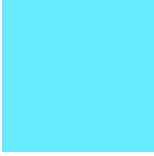
This preview shows how white text looks on a background with the Hex color 5AF1E0.

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
6AECFF

Trichromacy



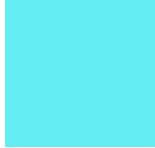
Original Color
5AF1E0



Protanomaly
AEE1D7



Deuteranomaly
B4DEE4

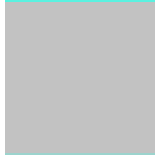


Tritanomaly
64EEF4

Monochromacy



Original Color
5AF1E0



Achromatopsia
C2C2C2



Achromatomaly
9CD3CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AF1E0 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 #5AF1E0 looks like.

```
.text, #text, p{  
    color:#5AF1E0  
}
```

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 #5AF1E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AF1E0
}
```

Border

The CSS property to change the border of an element to Hex 5AF1E0 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
#5AF1E0 }
```

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

```
.border{ border-color:#5AF1E0 }
```

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

Here you see how a box with a 4 pixel #5AF1E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AF1E0; -webkit-box-shadow:4px 4px  
4px 4px #5AF1E0; box-shadow:4px 4px 4px  
4px #5AF1E0 }
```

Background

The CSS property to change the background color of an element to Hex 5AF1E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AF1E0 }
```

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

```
.background{ background-color:#5AF1E0 }
```

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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