

Converting Colors

Hex(5AF1D1)

Have a look what the booklet for
Hex(5AF1D1) contains.

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Color

Hex(5AF1D1)

Conversions

Conversions Part 1

Format	Color
Hex	5AF1D1
RGB	90, 241, 209
RGB Percent	35%, 95%, 82%
CMY	0.6471, 0.0549, 0.1804
CMYK	0.63, 0.00, 0.13, 0.05
HSL	167°, 84%, 65%
HSV	167°, 63%, 95%
XYZ	47.1804, 69.6877, 71.2860
YIQ	192.2030, -79.7240, -41.9640

Conversions

Conversions Part 2

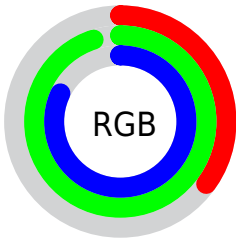
Format	Color
RYB	90, 174, 241
Decimal	5960145
CIELab	86.84, -47.40, 3.65
CIELCh	87, 47.538, 175.594
Yxy	69.6877, 0.2508, 0.3704
Android (android.graphics.Color)	4284150225 (0xFF5AF1D1)
YUV	192.2030, 8.2809, -89.6320
Hunter-Lab	83.4792, -45.2047, 7.8054

Details

The Hex color **5AF1D1** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **F15A7A**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **9AFFFF**, and **00B89B** is the 20% darker color. If you saturate the color by 10%, you get **42F1CC**, and if you desaturate by 10%, it is **72F1D6**.

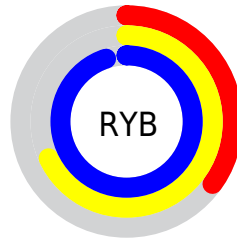
Distribution



Red (35%)

Green (95%)

Blue (82%)



Red (35%)

Yellow (68%)

Blue (95%)

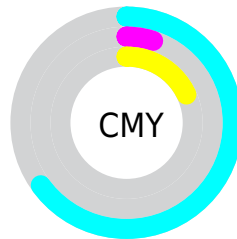


Cyan (63%)

Magenta (0%)

Yellow (13%)

Black (5%)



Cyan (65%)

Magenta (5%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AF1D1 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 5AF1D1 by changing the saturation by 10% instead.

 5AF1D1

 5AF1D1


FFFFFF

 34D4B5

 9AFFFF

 00B89B

 B9FFFF

 009D81

 D7FFFF

 008268

 F6FFFF

 006850

 004F39

 003623

 00200E

 000000

 5AF1D1

 5AF1D1

 42F1CC

 72F1D6

 2AF1C7

 8AF1DB

 12F1C2

 A2F1E0

 00F1BE

 BAF1E5

 D3F1EB

 EBF1F0

 FFF1F5

 FFF1FA

 FFF1FF

Harmonies

Analogous

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



9AEC A5



5AF1 D1



00F1 FF

Triad

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



5AF1D1



D5D0FF



FFC590

Complementary

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



5AF1D1



F15A7A

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.



FFB9B5



5AF1D1



FFC0FF

Square

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



5AF1D1



8AE0FF



FFB6E2



FDD47F

Rectangle

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



5AF1D1



00EEFF



FFB6E2



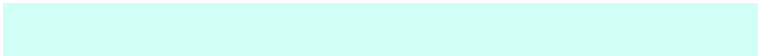
FFC09B

Sweetspot

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



5AF1D1



CFFF5



7BF15A



628079



000000



808080

Same Dimension

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



5AF1D1



40FFD6



5AC6F1



6C7875



00B891



00382C

Inverse Universe

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



F15A7A



FF4068



F1855A



786C6E



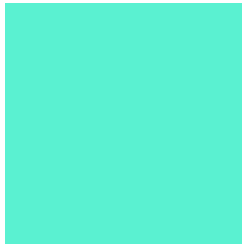
B80027



38000C

Previews

White Background



This preview shows how the Hex color 5AF1D1 looks on a white background.

Color Contrast Check

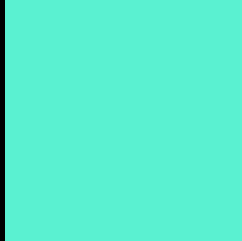
Large Text (above 18pt) WCAG AA × Fail

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 5AF1D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

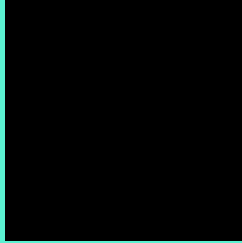
Any Text WCAG AA ✓ Pass

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 5AF1D1 Background



This preview shows how black text looks on a background with the Hex color 5AF1D1.

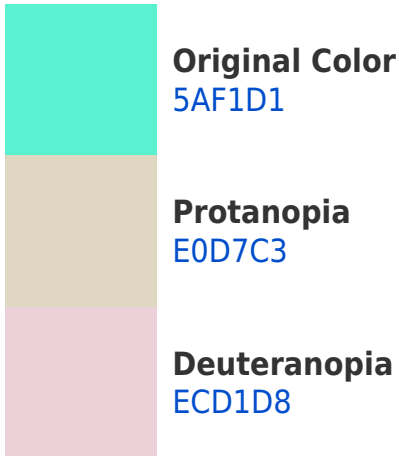


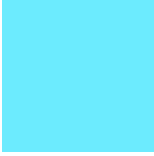
This preview shows how white text looks on a background with the Hex color 5AF1D1.

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
6CEBFE

Trichromacy



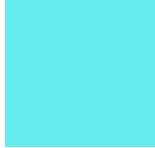
Original Color
5AF1D1



Protanomaly
AFE0C8



Deuteranomaly
B7DDD5



Tritanomaly
65EDEE

Monochromacy



Original Color
5AF1D1



Achromatopsia
C0C0C0



Achromatomaly
9BD2C6

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AF1D1 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 #5AF1D1 looks like.

```
.text, #text, p{  
    color:#5AF1D1  
}
```

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 #5AF1D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AF1D1
}
```

Border

The CSS property to change the border of an element to Hex 5AF1D1 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
#5AF1D1 }
```

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

```
.border{ border-color:#5AF1D1 }
```

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

Here you see how a box with a 4 pixel #5AF1D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AF1D1; -webkit-box-shadow:4px 4px  
4px 4px #5AF1D1; box-shadow:4px 4px 4px  
4px #5AF1D1 }
```

Background

The CSS property to change the background color of an element to Hex 5AF1D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AF1D1 }
```

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

```
.background{ background-color:#5AF1D1 }
```

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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