

# Converting Colors

Hex(5AF9DE)

Have a look what the booklet for  
Hex(5AF9DE) contains.

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# Color

Hex(5AF9DE)

# Conversions

## Conversions Part 1

Format	Color
Hex	5AF9DE
RGB	90, 249, 222
RGB Percent	35%, 98%, 87%
CMY	0.6471, 0.0235, 0.1294
CMYK	0.64, 0.00, 0.11, 0.02
HSL	170°, 93%, 66%
HSV	170°, 64%, 98%
XYZ	51.2769, 75.1989, 80.9195
YIQ	198.3810, -86.0970, -42.1050

# Conversions

## Conversions Part 2

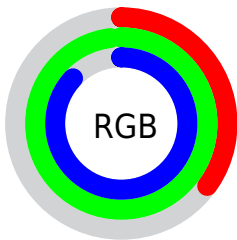
Format	Color
<a href="#">RYB</a>	<a href="#">90, 177, 249</a>
Decimal	<a href="#">5962206</a>
CIELab	<a href="#">89.49, -47.65, 0.71</a>
CIELCh	<a href="#">89, 47.652, 179.143</a>
Yxy	<a href="#">75.1989, 0.2472, 0.3626</a>
Android (android.graphics.Color)	<a href="#">4284152286 (0xFF5AF9DE)</a>
YUV	<a href="#">198.3810, 11.6442, -95.0501</a>
Hunter-Lab	<a href="#">86.7173, -46.2062, 5.3762</a>

# Details

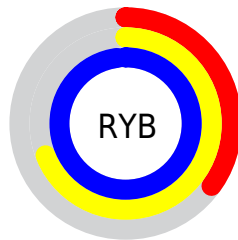
The Hex color **5AF9DE** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **F95A75**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **9CFFFF**, and **00C0A7** is the 20% darker color. If you saturate the color by 10%, you get **41F9DA**, and if you desaturate by 10%, it is **73F9E2**.

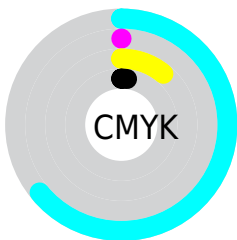
# Distribution



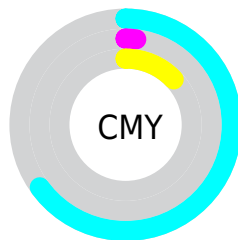
- Red (35%)
- Green (98%)
- Blue (87%)



- Red (35%)
- Yellow (69%)
- Blue (98%)



- Cyan (64%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)



- Cyan (65%)
- Magenta (2%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5AF9DE 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 5AF9DE by changing the saturation by 10% instead.



 5AF9DE

 5AF9DE

FFFFFF

 32DCC2

 9CFFFF

 00C0A7

 BBFFFF

 00A48D

 DAFFFF

 008973

 F9FFFF

 006F5B

 005543

 003D2D

 002719

 000000

 5AF9DE

 5AF9DE

 41F9DA

 73F9E2

 28F9D6

 8CF9E6

 0FF9D1

 A5F9EB

 00F9CF

 BEF9EF

 D6F9F3

 EFF9F7

 FFF9FC

 FFF9FF

# Harmonies

## Analogous

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



9AF5B1



5AF9DE



00F8FF

# Triad

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



5AF9DE



E4D6FF



FFCE94

# Complementary

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



5AF9DE



F95A75

# 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.



FFC1B7



5AF9DE



FFC6FF

# Square

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



5AF9DE



9BE6FF



FFBDE4



FFDE85

# Rectangle

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



5AF9DE



1FF5FF



FFBDE4



FFC99E



# Sweetspot

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



5AF9DE



CFFFF7



77F95A



62807B



000000



808080



# Same Dimension

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



5AF9DE



3BFFDE



5AC7F9



707D7B



00BD9D



003D33



# Inverse Universe

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



F95A75



FF3B5C



F98C5A



7D7073



BD0020

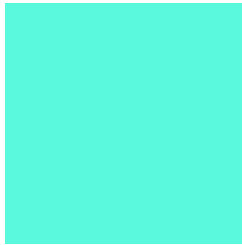


3D000A



# Previews

## White Background



This preview shows how the Hex color 5AF9DE looks on a white background.

## Color Contrast Check

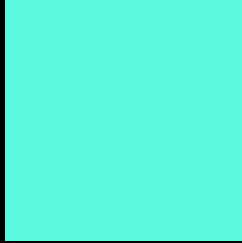
Large Text (above 18pt) WCAG AA × Fail

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 5AF9DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

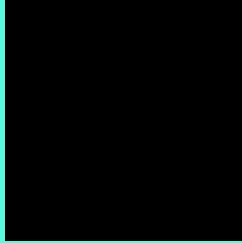
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

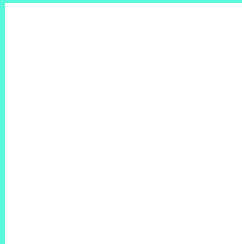
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5AF9DE Background



This preview shows how black text looks on a background with the Hex color 5AF9DE.

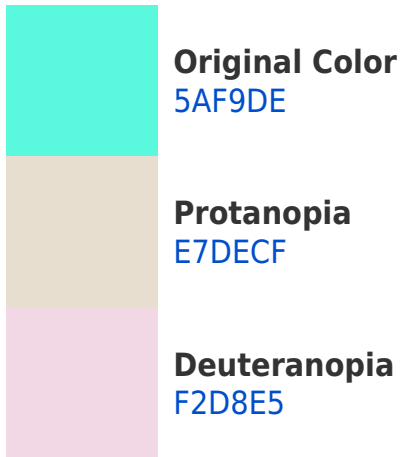


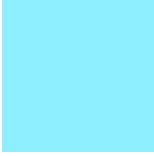
This preview shows how white text looks on a background with the Hex color 5AF9DE.

# 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



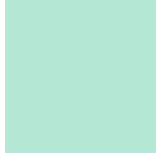


**Tritanopia**  
8EEFF

# Trichromacy



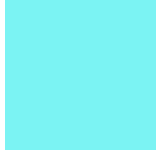
**Original Color**  
5AF9DE



**Protanomaly**  
B4E8D4

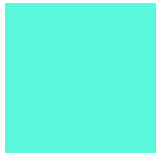


**Deuteranomaly**  
BBE4E2

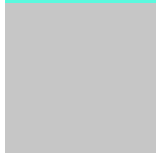


**Tritanomaly**  
7BF3F3

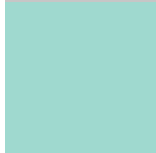
# Monochromacy



**Original Color**  
5AF9DE



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
9FD9CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5AF9DE 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 #5AF9DE looks like.

```
.text, #text, p{  
    color:#5AF9DE  
}
```

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 #5AF9DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AF9DE
}
```

## Border

The CSS property to change the border of an element to Hex 5AF9DE 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
#5AF9DE }
```

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

```
.border{ border-color:#5AF9DE }
```

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

Here you see how a box with a 4 pixel #5AF9DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AF9DE; -webkit-box-shadow:4px 4px  
4px 4px #5AF9DE; box-shadow:4px 4px 4px  
4px #5AF9DE }
```

# Background

The CSS property to change the background color of an element to Hex 5AF9DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AF9DE }
```

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

```
.background{ background-color:#5AF9DE }
```

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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