

# Converting Colors

Hex(5DF9D7)

Have a look what the booklet for  
Hex(5DF9D7) contains.

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# **Color**

**Hex(5DF9D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DF9D7
RGB	93, 249, 215
RGB Percent	36%, 98%, 84%
CMY	0.6353, 0.0235, 0.1569
CMYK	0.63, 0.00, 0.14, 0.02
HSL	167°, 93%, 67%
HSV	167°, 63%, 98%
XYZ	50.6556, 74.9848, 76.0937
YIQ	198.4800, -82.0620, -43.6460

# Conversions

## Conversions Part 2

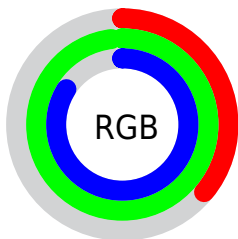
Format	Color
R <sub>Y</sub> B	93, 181, 249
Decimal	6158807
CIE Lab	89.39, -48.87, 4.22
CIE LCh	89, 49.047, 175.069
Yxy	74.9848, 0.2511, 0.3717
Android (android.graphics.Color)	4284348887 (0xFF5DF9D7)
YUV	198.4800, 8.1444, -92.5060
Hunter-Lab	86.5938, -47.1202, 8.5150

# Details

The Hex color **5DF9D7** 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 **F95D7F**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **9EFFFF**, and **00C0A0** is the 20% darker color. If you saturate the color by 10%, you get **44F9D2**, and if you desaturate by 10%, it is **76F9DC**.

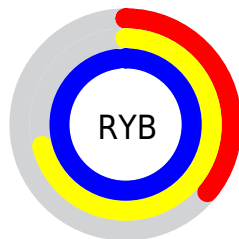
# Distribution



Red (36%)

Green (98%)

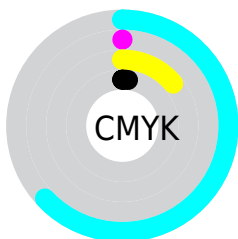
Blue (84%)



Red (36%)

Yellow (71%)

Blue (98%)

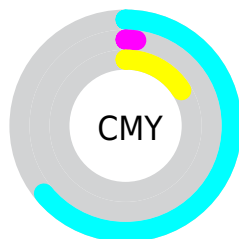


Cyan (63%)

Magenta (0%)

Yellow (14%)

Black (2%)



Cyan (64%)

Magenta (2%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DF9D7 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 5DF9D7 by changing the saturation by 10% instead.



 5DF9D7

 5DF9D7

FFFFFF

 37DCBB

 9EFFFF

 00C0A0

 BCFFFF

 00A486

 DBFFFF

 00896D

 FAFFFF

 006F55

 00553E

 003D28


 002713

 000000

 5DF9D7

 5DF9D7

 44F9D2

 76F9DC

 2BF9CC

 8FF9E2

 12F9C7

 A8F9E7

 00F9C3

 C1F9ED

 DAF9F2

 F2F9F8

 FFF9FD

 FFF9FF

# Harmonies

## Analogous

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



A0F4A9



5DF9D7



00F9FF

# Triad

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



5DF9D7



DAD7FF



FFCB95

# Complementary

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



5DF9D7



F95D7F

# 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.



FFBEBB



5DF9D7



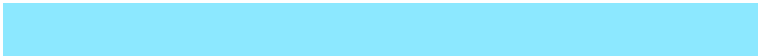
FFC7FF

# Square

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



5DF9D7



8CE8FF



FFBCEA



FFDB82

# Rectangle

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



5DF9D7



00F6FF



FFBCEA



FFC6A0

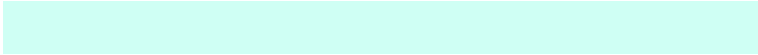


# Sweetspot

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



5DF9D7



CFFFF4



81F95D



628079



000000



808080



# Same Dimension

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



5DF9D7



40FFD5



5DCFF9



707D7A



00BD94



003D30



# Inverse Universe

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



F95D7F



FF4069



F9875D



7D7073



BD0029

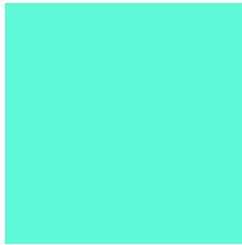


3D000D



# Previews

## White Background



This preview shows how the Hex color 5DF9D7 looks on a white background.

## Color Contrast Check

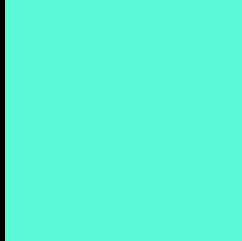
Large Text (above 18pt) WCAG AA × Fail

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 5DF9D7 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 5DF9D7 Background



This preview shows how black text looks on a background with the Hex color 5DF9D7.

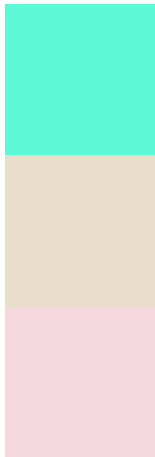


This preview shows how white text looks on a background with the Hex color 5DF9D7.

# 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](#).

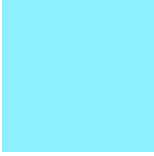
## Dichromacy



**Original Color**  
5DF9D7

**Protanopia**  
E8DEC9

**Deuteranopia**  
F4D8DE



**Tritanopia**  
8EEFF

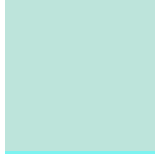
# Trichromacy



**Original Color**  
5DF9D7



**Protanomaly**  
B5E8CE



**Deuteranomaly**  
BDE4DB

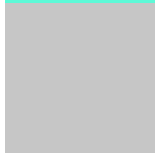


**Tritanomaly**  
7CF3F0

# Monochromacy



**Original Color**  
5DF9D7



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
A0D9CC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DF9D7 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 #5DF9D7 looks like.

```
.text, #text, p{  
    color:#5DF9D7  
}
```

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 #5DF9D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DF9D7
}
```

## Border

The CSS property to change the border of an element to Hex 5DF9D7 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
#5DF9D7 }
```

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

```
.border{ border-color:#5DF9D7 }
```

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

Here you see how a box with a 4 pixel #5DF9D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DF9D7; -webkit-box-shadow:4px 4px  
4px 4px #5DF9D7; box-shadow:4px 4px 4px  
4px #5DF9D7 }
```

# Background

The CSS property to change the background color of an element to Hex 5DF9D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DF9D7 }
```

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

```
.background{ background-color:#5DF9D7 }
```

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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