

Converting Colors

Hex(5DF4C9)

Have a look what the booklet for
Hex(5DF4C9) contains.

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Color

Hex(5DF4C9)

Conversions

Conversions Part 1

Format	Color
Hex	5DF4C9
RGB	93, 244, 201
RGB Percent	36%, 96%, 79%
CMY	0.6353, 0.0431, 0.2118
CMYK	0.62, 0.00, 0.18, 0.04
HSL	163°, 87%, 66%
HSV	163°, 62%, 96%
XYZ	47.4075, 71.2456, 66.5115
YIQ	193.9490, -76.1930, -45.3850

Conversions

Conversions Part 2

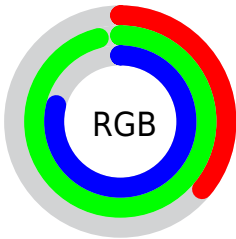
Format	Color
R _Y B	93, 181, 244
Decimal	6157513
CIE Lab	87.60, -50.04, 8.93
CIE LCh	88, 50.833, 169.882
Yxy	71.2456, 0.2560, 0.3848
Android (android.graphics.Color)	4284347593 (0xFF5DF4C9)
YUV	193.9490, 3.4761, -88.5323
Hunter-Lab	84.4071, -47.4573, 12.3654

Details

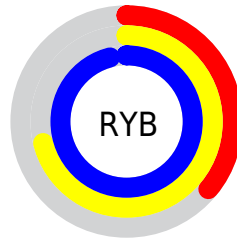
The Hex color **5DF4C9** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **F45D88**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **9CFFFF**, and **00BB93** is the 20% darker color. If you saturate the color by 10%, you get **45F4C2**, and if you desaturate by 10%, it is **75F4D0**.

Distribution



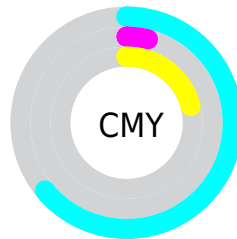
- Red (36%)
- Green (96%)
- Blue (79%)



- Red (36%)
- Yellow (71%)
- Blue (96%)



- Cyan (62%)
- Magenta (0%)
- Yellow (18%)
- Black (4%)



- Cyan (64%)
- Magenta (4%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DF4C9 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 5DF4C9 by changing the saturation by 10% instead.

 5DF4C9

 5DF4C9

FFFFFF

 38D7AE

 9CFFFF

 00BB93

 BBFFFF

 009F79

 DAFFFF

 008460

 F9FFFF

 006A49

 005132

 00381D

 002205

 000000

 5DF4C9

 5DF4C9

 45F4C2

 75F4D0

 2CF4BB

 8EF4D7

 14F4B4

 A6F4DE

 00F4AF

 BFF4E5

 D7F4EC

 EFF4F3

 FFF4FA

 FFF4FF

Harmonies

Analogous

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



A3EE9B



5DF4C9



00F5FB

Triad

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



5DF4C9



C8D5FF



FFC294

Complementary

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



5DF4C9



F45D88

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.



FFB6BD



5DF4C9



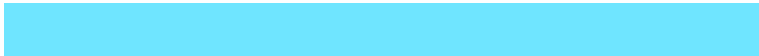
FFC3FF

Square

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



5DF4C9



6FE5FF



FFB7EE



FFD37C

Rectangle

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



5DF4C9



00F2FF



FFB7EE



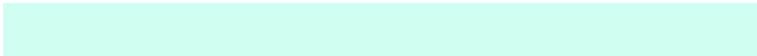
FFBDA0

Sweetspot

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



5DF4C9



CFFFF1



8AF45D



628077



000000



808080

Same Dimension

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



5DF4C9



42FFC9



5DD6F4



6E7A77



00BA85



003B2A

Inverse Universe

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



F45D88



FF4278



F47B5D



7A6E72



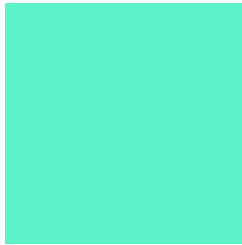
BA0035



3B0011

Previews

White Background



This preview shows how the Hex color 5DF4C9 looks on a white background.

Color Contrast Check

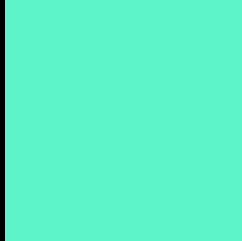
Large Text (above 18pt) WCAG AA × Fail

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 5DF4C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

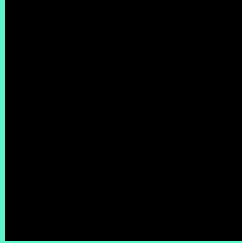
Any Text WCAG AA ✓ Pass

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 5DF4C9 Background



This preview shows how black text looks on a background with the Hex color 5DF4C9.

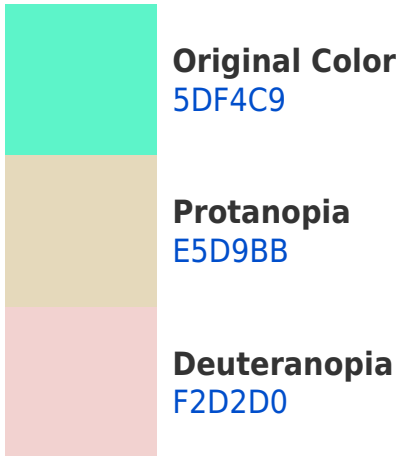


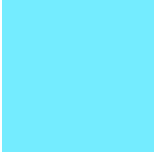
This preview shows how white text looks on a background with the Hex color 5DF4C9.

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
74ECFF

Trichromacy



Original Color
5DF4C9



Protanomaly
B4E3C0



Deuteranomaly
BCDECD

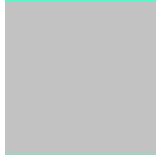


Tritanomaly
6CEFEB

Monochromacy



Original Color
5DF4C9



Achromatopsia
C2C2C2



Achromatomaly
9DD4C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DF4C9 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 #5DF4C9 looks like.

```
.text, #text, p{  
    color:#5DF4C9  
}
```

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 #5DF4C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DF4C9
}
```

Border

The CSS property to change the border of an element to Hex 5DF4C9 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
#5DF4C9 }
```

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

```
.border{ border-color:#5DF4C9 }
```

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

Here you see how a box with a 4 pixel #5DF4C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DF4C9; -webkit-box-shadow:4px 4px  
4px 4px #5DF4C9; box-shadow:4px 4px 4px  
4px #5DF4C9 }
```

Background

The CSS property to change the background color of an element to Hex 5DF4C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DF4C9 }
```

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

```
.background{ background-color:#5DF4C9 }
```

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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