

Converting Colors

Hex(5DF5A9)

Have a look what the booklet for
Hex(5DF5A9) contains.

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Color

Hex(5DF5A9)

Conversions

Conversions Part 1

Format	Color
Hex	5DF5A9
RGB	93, 245, 169
RGB Percent	36%, 96%, 66%
CMY	0.6353, 0.0392, 0.3373
CMYK	0.62, 0.00, 0.31, 0.04
HSL	150°, 88%, 66%
HSV	150°, 62%, 96%
XYZ	44.3280, 70.4965, 48.8070
YIQ	190.8880, -66.1960, -55.8600

Conversions

Conversions Part 2

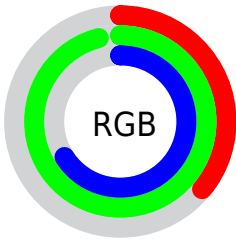
Format	Color
RYB	93, 194, 245
Decimal	6157737
CIELab	87.24, -57.25, 24.94
CIELCh	87, 62.446, 156.464
Yxy	70.4965, 0.2709, 0.4308
Android (android.graphics.Color)	4284347817 (0xFF5DF5A9)
YUV	190.8880, -10.7908, -85.8478
Hunter-Lab	83.9622, -52.6944, 24.3085

Details

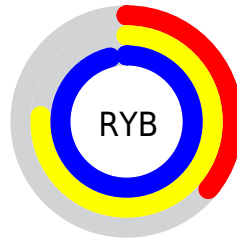
The Hex color **5DF5A9** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **F55DA9**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **9CFFE1**, and **00BC74** is the 20% darker color. If you saturate the color by 10%, you get **44F59D**, and if you desaturate by 10%, it is **75F5B5**.

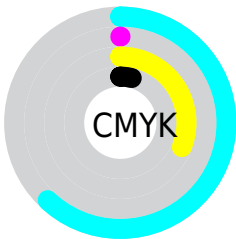
Distribution



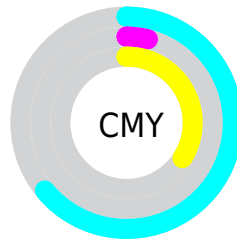
- Red (36%)
- Green (96%)
- Blue (66%)



- Red (36%)
- Yellow (76%)
- Blue (96%)



- Cyan (62%)
- Magenta (0%)
- Yellow (31%)
- Black (4%)



- Cyan (64%)
- Magenta (4%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DF5A9 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 5DF5A9 by changing the saturation by 10% instead.

 5DF5A9

 5DF5A9

FFFFFF

 39D88E

 9CFFE1

 00BC74

 BAFFFD

 00A05B

 D9FFFF

 008543

 F8FFFF

 006A2C

 005116

 003900

 002100

 000000

 5DF5A9

 5DF5A9

 44F59D

 75F5B5

 2CF591

 8EF5C2

 13F584

 A6F5CE

 00F57B

 BFF5DA

 D7F5E6

 F0F5F3

 FFF5FF

Harmonies

Analogous

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



B2EB77



5DF5A9



00F9E6

Triad

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



5DF5A9



8ADDFE



FFB297

Complementary

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



5DF5A9



F55DA9

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.



FFA8D0



5DF5A9



F0C6FF

Square

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



5DF5A9



00EDFF



FFB0FF



FFC66D

Rectangle

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



5DF5A9



00F8FF



FFB0FF



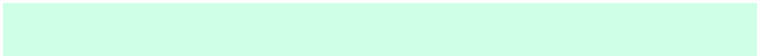
FFADA9

Sweetspot

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



5DF5A9



CFFFE7



A9F55D



628071



000000



808080

Same Dimension

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



5DF5A9



42FFA1



5DF5F5



6E7A74



00BA5D



003B1D

Inverse Universe

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



F55DA9



FF42A1



F55D5D



7A6E74



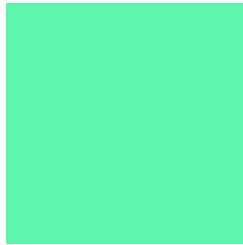
BA005D



3B001D

Previews

White Background



This preview shows how the Hex color 5DF5A9 looks on a white background.

Color Contrast Check

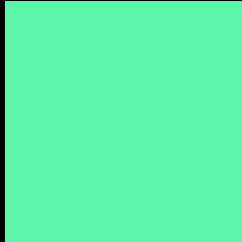
Large Text (above 18pt) WCAG AA × Fail

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 5DF5A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

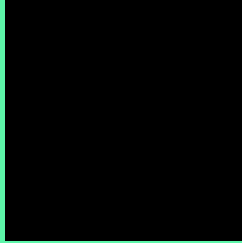
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

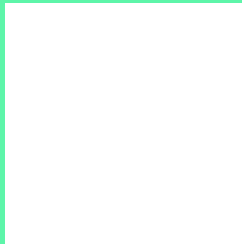
Any Text WCAG AAA ✓ Pass

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

Hex 5DF5A9 Background



This preview shows how black text looks on a background with the Hex color 5DF5A9.

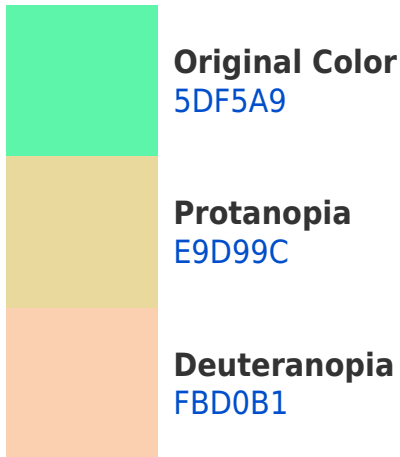


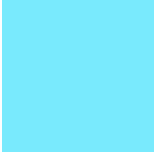
This preview shows how white text looks on a background with the Hex color 5DF5A9.

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
79EAFD

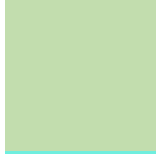
Trichromacy



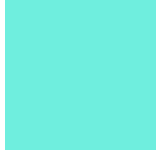
Original Color
5DF5A9



Protanomaly
B6E3A1



Deuteranomaly
C2DDAE

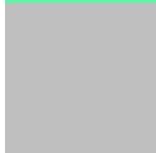


Tritanomaly
6FEEDE

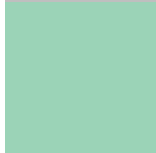
Monochromacy



Original Color
5DF5A9



Achromatopsia
BFBFBF



Achromatomaly
9BD3B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DF5A9 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 #5DF5A9 looks like.

```
.text, #text, p{  
    color:#5DF5A9  
}
```

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 #5DF5A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DF5A9
}
```

Border

The CSS property to change the border of an element to Hex 5DF5A9 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
#5DF5A9 }
```

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

```
.border{ border-color:#5DF5A9 }
```

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

Here you see how a box with a 4 pixel #5DF5A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DF5A9; -webkit-box-shadow:4px 4px  
4px 4px #5DF5A9; box-shadow:4px 4px 4px  
4px #5DF5A9 }
```

Background

The CSS property to change the background color of an element to Hex 5DF5A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DF5A9 }
```

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

```
.background{ background-color:#5DF5A9 }
```

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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