

Converting Colors

Hex(5DCA5F)

Have a look what the booklet for
Hex(5DCA5F) contains.

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Color

Hex(5DCA5F)

Conversions

Conversions Part 1

Format	Color
Hex	5DCA5F
RGB	93, 202, 95
RGB Percent	36%, 79%, 37%
CMY	0.6353, 0.2078, 0.6275
CMYK	0.54, 0.00, 0.53, 0.21
HSL	121°, 51%, 58%
HSV	121°, 54%, 79%
XYZ	27.7003, 45.3944, 18.1285
YIQ	157.2110, -30.6170, -56.3850

Conversions

Conversions Part 2

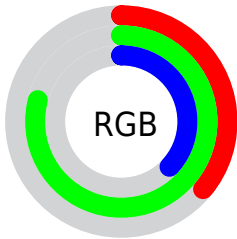
Format	Color
RYB	93, 200, 202
Decimal	6146655
CIELab	73.15, -52.77, 43.68
CIELCh	73, 68.504, 140.383
Yxy	45.3944, 0.3037, 0.4976
Android (android.graphics.Color)	4284336735 (0xFF5DCA5F)
YUV	157.2110, -30.6700, -56.3130
Hunter-Lab	67.3754, -44.5196, 31.2098

Details

The Hex color **5DCA5F** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **CA5DC8**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **97FF94**, and **17932C** is the 20% darker color. If you saturate the color by 10%, you get **49CA4B**, and if you desaturate by 10%, it is **71CA73**.

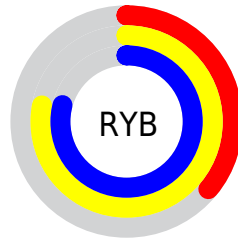
Distribution



Red (36%)

Green (79%)

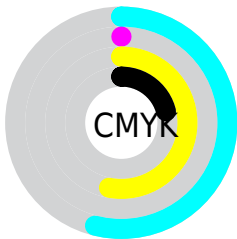
Blue (37%)



Red (36%)

Yellow (78%)

Blue (79%)

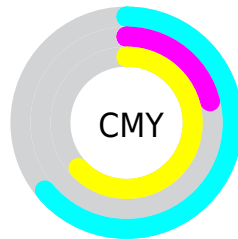


Cyan (54%)

Magenta (0%)

Yellow (53%)

Black (21%)



Cyan (64%)

Magenta (21%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DCA5F 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 5DCA5F by changing the saturation by 10% instead.

 5DCA5F

 5DCA5F

FFFFFF

 3EAE45

 97FF94

 17932C

 B4FFAF

 00780F

 D2FFCB

 005F00

 EFFFEB

 004600

 002F00

 001300

 000000

 5DCA5F

 5DCA5F

 49CA4B

 71CA73

 35CA37

 85CA87

 20CA24

 9ACA9A

 0CCA10

 AECAAE

 00CA04

 C2CAC2

 D6CAD6

 EACA EA

 FFCAFE

 FFCAFF

Harmonies

Analogous

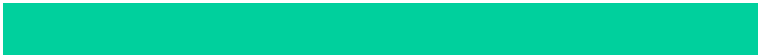
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ABBD31



5DCA5F



00D09D

Triad

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



5DCA5F



00C1FF



FF7B8C

Complementary

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



5DCA5F



CA5DC8

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.



FF7BCB



5DCA5F



8FABFF

Square

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



5DCA5F



00CDFE



EC90FF



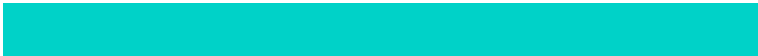
FF9054

Rectangle

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



5DCA5F



00D2C8



EC90FF



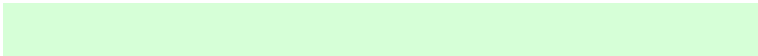
FF78A0

Sweetspot

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



5DCA5F



D6FFD7



C8CA5D



678068



000000



808080

Same Dimension

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



5DCA5F



59FF5C



5DCA95



5C665C



00A603



002601

Inverse Universe

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



CA5DC8



FF59FC



CA5D92



665C66



A600A3



260026

Previews

White Background



This preview shows how the Hex color 5DCA5F looks on a white background.

Color Contrast Check

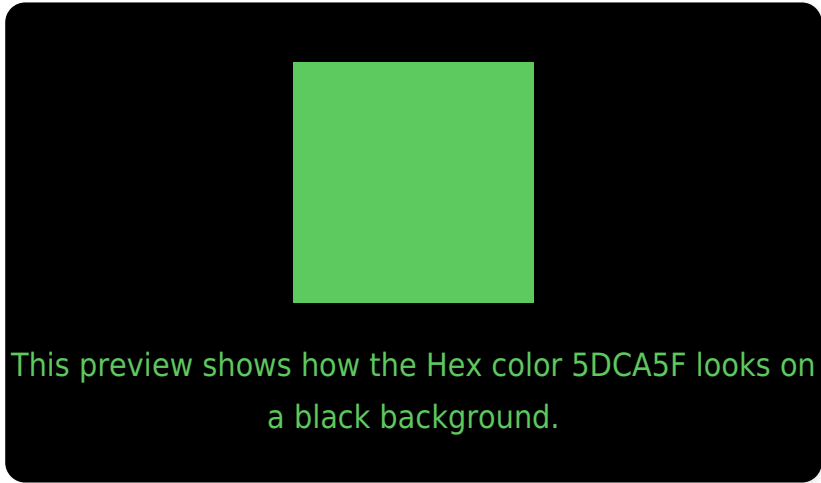
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 5DCA5F Background



This preview shows how black text looks on a background with the Hex color 5DCA5F.

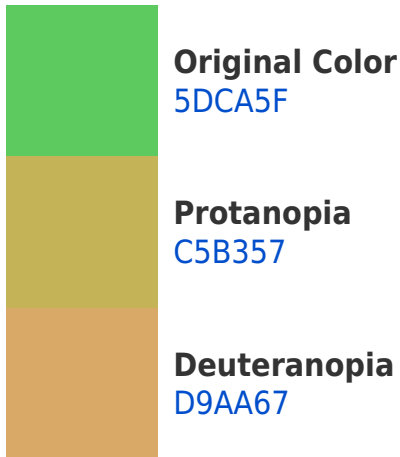


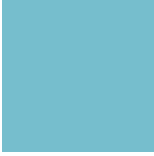
This preview shows how white text looks on a background with the Hex color 5DCA5F.

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
76BECD

Trichromacy



Original Color
5DCA5F



Protanomaly
9FBB5A



Deuteranomaly
ACB664



Tritanomaly
6DC2A5

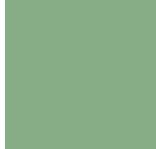
Monochromacy



Original Color
5DCA5F



Achromatopsia
9D9D9D



Achromatomaly
86AD86

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DCA5F 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 #5DCA5F looks like.

```
.text, #text, p{  
    color:#5DCA5F  
}
```

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 #5DCA5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DCA5F
}
```

Border

The CSS property to change the border of an element to Hex 5DCA5F 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
#5DCA5F }
```

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

```
.border{ border-color:#5DCA5F }
```

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

Here you see how a box with a 4 pixel #5DCA5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DCA5F; -webkit-box-shadow:4px 4px  
4px 4px #5DCA5F; box-shadow:4px 4px 4px  
4px #5DCA5F }
```

Background

The CSS property to change the background color of an element to Hex 5DCA5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DCA5F }
```

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

```
.background{ background-color:#5DCA5F }
```

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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