

Converting Colors

Hex(5FCA66)

Have a look what the booklet for
Hex(5FCA66) contains.

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Color

Hex(5FCA66)

Conversions

Conversions Part 1

Format	Color
Hex	5FCA66
RGB	95, 202, 102
RGB Percent	37%, 79%, 40%
CMY	0.6275, 0.2078, 0.6000
CMYK	0.53, 0.00, 0.50, 0.21
HSL	124°, 50%, 58%
HSV	124°, 53%, 79%
XYZ	28.2381, 45.6333, 19.8902
YIQ	158.6070, -31.6720, -53.7840

Conversions

Conversions Part 2

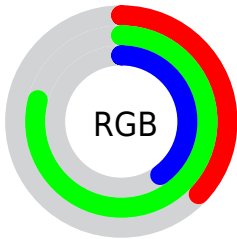
Format	Color
RYB	95, 195, 202
Decimal	6277734
CIELab	73.31, -51.31, 40.50
CIELCh	73, 65.366, 141.718
Yxy	45.6333, 0.3012, 0.4867
Android (android.graphics.Color)	4284467814 (0xFF5FCA66)
YUV	158.6070, -27.9073, -55.7833
Hunter-Lab	67.5524, -43.6005, 29.8293

Details

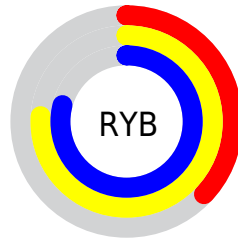
The Hex color **5FCA66** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **CA5FC3**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **99FF9B**, and **1C9334** is the 20% darker color. If you saturate the color by 10%, you get **4BCA53**, and if you desaturate by 10%, it is **73CA79**.

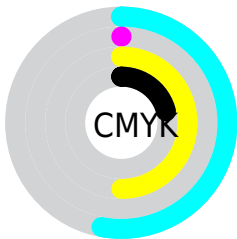
Distribution



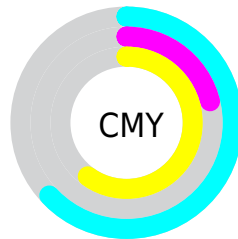
- Red (37%)
- Green (79%)
- Blue (40%)



- Red (37%)
- Yellow (76%)
- Blue (79%)



- Cyan (53%)
- Magenta (0%)
- Yellow (50%)
- Black (21%)



- Cyan (63%)
- Magenta (21%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FCA66 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 5FCA66 by changing the saturation by 10% instead.

 5FCA66

 5FCA66

FFFFFF

 41AE4D

 99FF9B

 1C9334

 B6FFB6

 00781A

 D3FFD2

 005F00

 F1FFE0

 004600

 002F00

 001400

 000000

 5FCA66

 5FCA66

 4BCA53

 73CA79

 37CA40

 87CA8C

 22CA2D

 9CCA9F

 0ECA1A

 B0CAB2

 00CA0D

 C4CAC4

 D8CAD7

 ECCAEA

 FFCAFD

 FFCAFF

Harmonies

Analogous

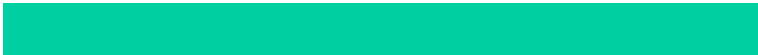
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AABE3B



5FCA66



00D0A1

Triad

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



5FCA66



00C0FF



FF808B

Complementary

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



5FCA66



CA5FC3

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.



FF7FC7



5FCA66



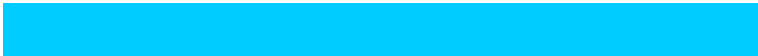
98ABFF

Square

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



5FCA66



00CCFF



ED92FF



FF9457

Rectangle

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



5FCA66



00D1CB



ED92FF



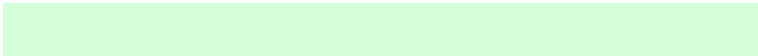
FF7D9F

Sweetspot

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



5FCA66



D6FFD9



C5CA5F



678069



000000



808080

Same Dimension

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



5FCA66



5CFF66



5FCA9A



5C665C



00A60B



002603

Inverse Universe

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



CA5FC3



FF5CF4



CA5F8F



665C65



A6009B



260024

Previews

White Background



This preview shows how the Hex color 5FCA66 looks on a white background.

Color Contrast Check

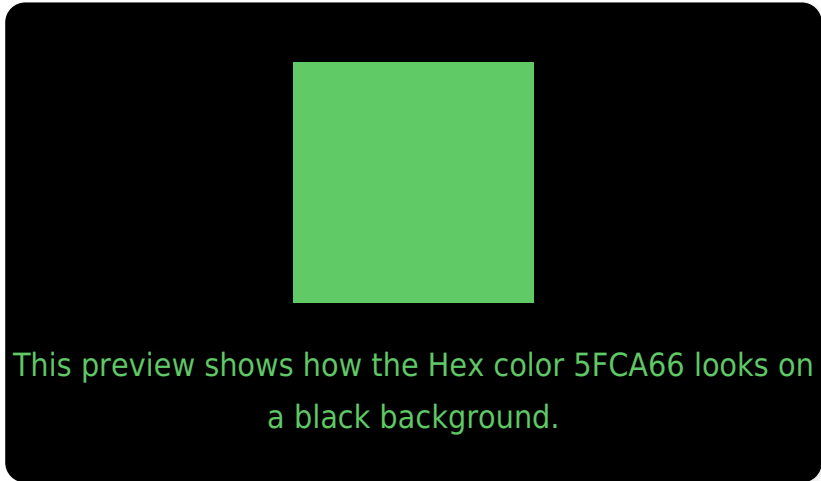
Large Text (above 18pt) WCAG AA × Fail

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 5FCA66 Background



This preview shows how black text looks on a background with the Hex color 5FCA66.

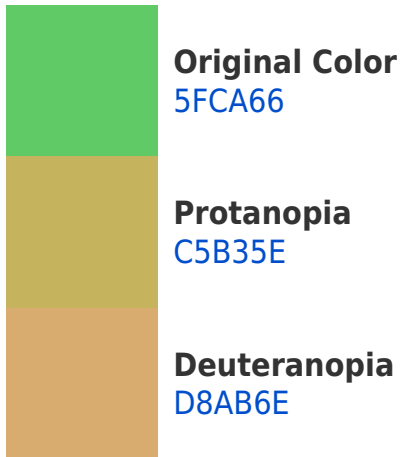


This preview shows how white text looks on a background with the Hex color 5FCA66.

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



Trichromacy



Original Color
5FCA66



Protanomaly
A0BB61



Deuteranomaly
ACB66B



Tritanomaly
6EC3A8

Monochromacy



Original Color
5FCA66



Achromatopsia
9F9F9F



Achromatomaly
88AF8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FCA66 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 #5FCA66 looks like.

```
.text, #text, p{  
    color:#5FCA66  
}
```

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 #5FCA66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FCA66
}
```

Border

The CSS property to change the border of an element to Hex 5FCA66 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
#5FCA66 }
```

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

```
.border{ border-color:#5FCA66 }
```

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

Here you see how a box with a 4 pixel #5FCA66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FCA66; -webkit-box-shadow:4px 4px  
4px 4px #5FCA66; box-shadow:4px 4px 4px  
4px #5FCA66 }
```

Background

The CSS property to change the background color of an element to Hex 5FCA66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FCA66 }
```

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

```
.background{ background-color:#5FCA66 }
```

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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