

# Converting Colors

Hex(5FCA75)

Have a look what the booklet for  
Hex(5FCA75) contains.

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# **Color**

**Hex(5FCA75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FCA75
RGB	95, 202, 117
RGB Percent	37%, 79%, 46%
CMY	0.6275, 0.2078, 0.5412
CMYK	0.53, 0.00, 0.42, 0.21
HSL	132°, 50%, 58%
HSV	132°, 53%, 79%
XYZ	29.0507, 45.9583, 24.1693
YIQ	160.3170, -36.4870, -49.1190

# Conversions

## Conversions Part 2

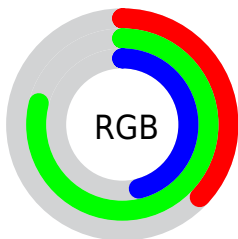
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 184, 202
Decimal	6277749
CIELab	73.52, -49.05, 33.25
CIELCh	74, 59.257, 145.872
Yxy	45.9583, 0.2929, 0.4634
Android (android.graphics.Color)	4284467829 (0xFF5FCA75)
YUV	160.3170, -21.3553, -57.2830
Hunter-Lab	67.7926, -42.1455, 26.3168

# Details

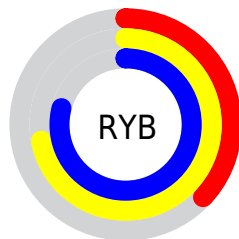
The Hex color **5FCA75** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **CA5FB4**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **98FFAA**, and **1E9343** is the 20% darker color. If you saturate the color by 10%, you get **4BCA65**, and if you desaturate by 10%, it is **73CA85**.

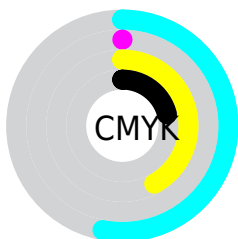
# Distribution



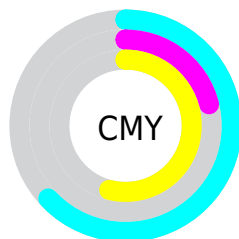
- Red (37%)
- Green (79%)
- Blue (46%)



- Red (37%)
- Yellow (72%)
- Blue (79%)



- Cyan (53%)
- Magenta (0%)
- Yellow (42%)
- Black (21%)



- Cyan (63%)
- Magenta (21%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FCA75 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 5FCA75 by changing the saturation by 10% instead.



 5FCA75

 5FCA75

FFFFFF

 41AE5C

 98FFAA

 1E9343

 B5FFC6


 00782B

 D3FFE2

 005F13

 F0FFFF

 004600

 002F00

 001500

 000000

 5FCA75

 5FCA75

 4BCA65

 73CA85

 37CA55

 87CA95

 22CA45

 9CCAA5

 0ECA35

 B0CAB5

 00CA2A

 C4CAC5

 D8CAD5

 ECCAE5

 FFCAF5

 FFCAFF

# Harmonies

## Analogous

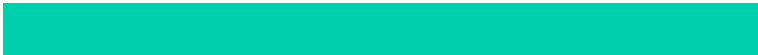
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4C04D



5FCA75



00CFAB

# Triad

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



5FCA75



09BDFE



FF8988

# Complementary

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



5FCA75



CA5FB4

# 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.



FF85BE



5FCA75



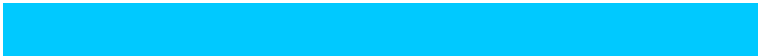
ABA9FF

# Square

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



5FCA75



00C9FF



F093F2



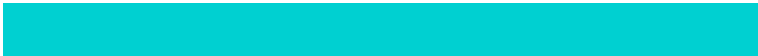
FF9B5B

# Rectangle

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



5FCA75



00D0D1



F093F2



FF869A

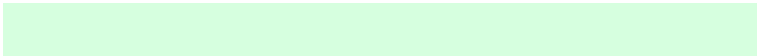


# Sweetspot

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



5FCA75



D6FFDF



B5CA5F



67806C



000000



808080



# Same Dimension

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



5FCA75



5CFF7D



5FCAAA



5C665E



00A622



002608



# Inverse Universe

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



CA5FB4



FF5CDD



CA5F7F



665C64



A60084



26001E



# Previews

## White Background



This preview shows how the Hex color 5FCA75 looks on a white background.

## Color Contrast Check

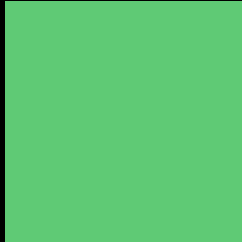
Large Text (above 18pt) WCAG AA × Fail

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 5FCA75 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

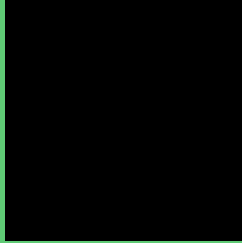
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5FCA75 Background



This preview shows how black text looks on a background with the Hex color 5FCA75.

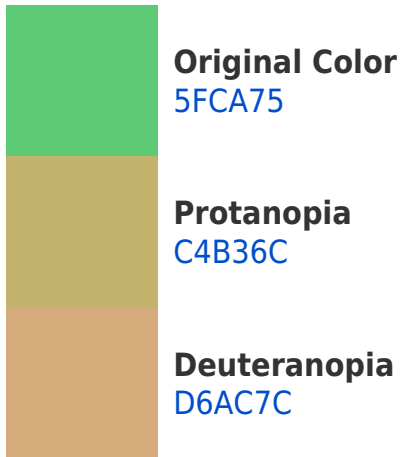


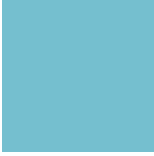
This preview shows how white text looks on a background with the Hex color 5FCA75.

# 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](#).

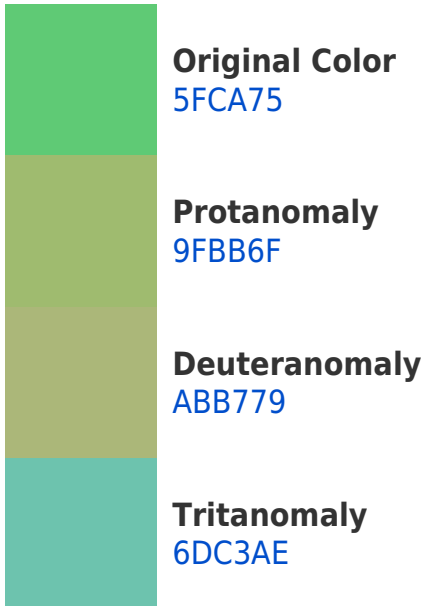
## Dichromacy



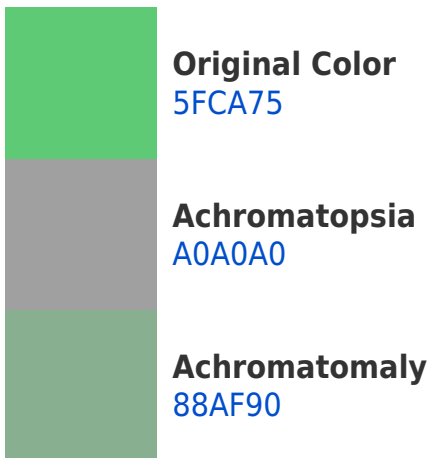


**Tritanopia**  
75BFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FCA75 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 #5FCA75 looks like.

```
.text, #text, p{  
    color:#5FCA75  
}
```

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 #5FCA75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FCA75
}
```

## Border

The CSS property to change the border of an element to Hex 5FCA75 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
#5FCA75 }
```

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

```
.border{ border-color:#5FCA75 }
```

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

Here you see how a box with a 4 pixel #5FCA75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FCA75; -webkit-box-shadow:4px 4px  
4px 4px #5FCA75; box-shadow:4px 4px 4px  
4px #5FCA75 }
```

# Background

The CSS property to change the background color of an element to Hex 5FCA75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FCA75 }
```

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

```
.background{ background-color:#5FCA75 }
```

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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