

# Converting Colors

Hex(5FC86C)

Have a look what the booklet for  
Hex(5FC86C) contains.

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**Color**

**Hex(5FC86C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FC86C
RGB	95, 200, 108
RGB Percent	37%, 78%, 42%
CMY	0.6275, 0.2157, 0.5765
CMYK	0.53, 0.00, 0.46, 0.22
HSL	127°, 49%, 58%
HSV	127°, 52%, 78%
XYZ	28.0804, 44.8242, 21.3593
YIQ	158.1170, -33.0480, -50.8720

# Conversions

## Conversions Part 2

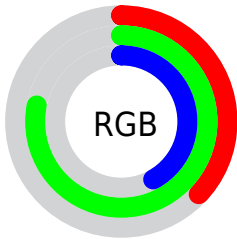
Format	Color
<a href="#">RYB</a>	<a href="#">95, 188, 200</a>
Decimal	<a href="#">6277228</a>
CIELab	<a href="#">72.78, -49.64, 36.85</a>
CIELCh	<a href="#">73, 61.828, 143.412</a>
Yxy	<a href="#">44.8242, 0.2979, 0.4755</a>
Android (android.graphics.Color)	<a href="#">4284467308 (0xFF5FC86C)</a>
YUV	<a href="#">158.1170, -24.7077, -55.3536</a>
Hunter-Lab	<a href="#">66.9508, -42.2979, 27.9503</a>

# Details

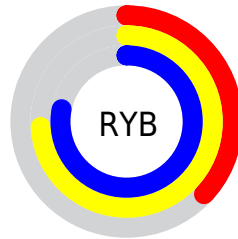
The Hex color **5FC86C** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C85FBB**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **98FFA1**, and **1E913A** is the 20% darker color. If you saturate the color by 10%, you get **4BC85A**, and if you desaturate by 10%, it is **73C87E**.

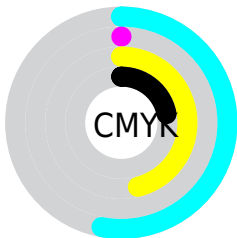
# Distribution



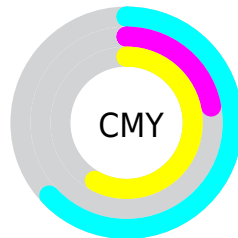
- Red (37%)
- Green (78%)
- Blue (42%)



- Red (37%)
- Yellow (74%)
- Blue (78%)



- Cyan (53%)
- Magenta (0%)
- Yellow (46%)
- Black (22%)



- Cyan (63%)
- Magenta (22%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FC86C 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 5FC86C by changing the saturation by 10% instead.



 5FC86C

 5FC86C

FFFFFF

 41AC53

 98FFA1

 1E913A

 B5FFBC

 007722

 D2FFD8

 005D06

 F0FFF5

 004400

 002E00

 001100

 000000

 5FC86C

 5FC86C

 4BC85A

 73C87E

 37C849

 87C88F

 23C837

 9BC8A1

 0FC826

 AFC8B2

 00C819

 C3C8C4

 D7C8D5

 EBC8E7

 FFC8F8

 FFC8FF

# Harmonies

## Analogous

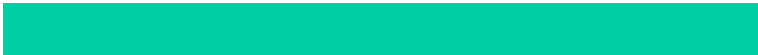
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6BD43



5FC86C



00CEA4

# Triad

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



5FC86C



00BDFE



FF8389

# Complementary

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



5FC86C



C85FBB

# 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.



FF81C2



5FC86C



9FA9FF

# Square

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



5FC86C



00C9FF



EC91F7



FF9659

# Rectangle

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



5FC86C



00CECB



EC91F7



FF809B

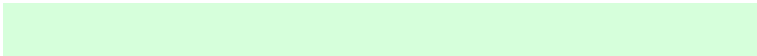


# Sweetspot

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



5FC86C



D6FFDB



BCC85F



67806A



000000



808080



# Same Dimension

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



5FC86C



5EFF72



5FC8A0



5A635B



00A314



002404



# Inverse Universe

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



C85FBB



FF5EEB



C85F87



635A62



A3008F



24001F



# Previews

## White Background



This preview shows how the Hex color 5FC86C looks on a white background.

## Color Contrast Check

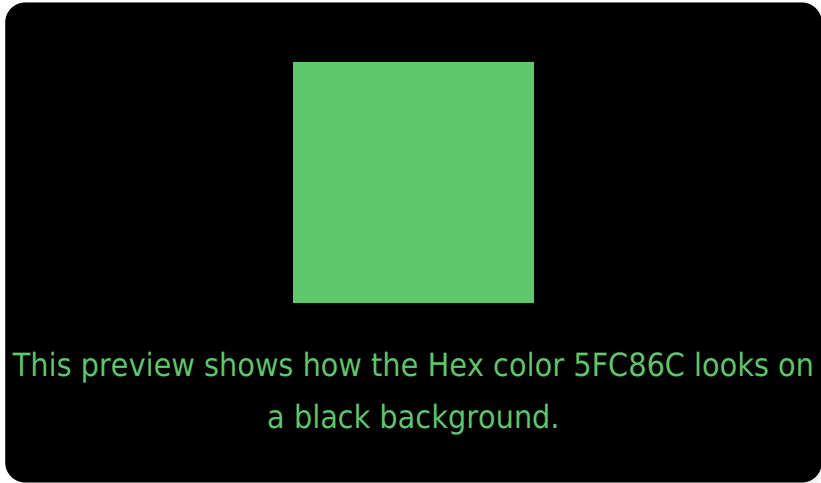
Large Text (above 18pt) WCAG AA × Fail

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

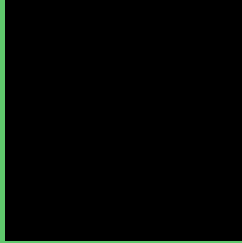
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5FC86C Background



This preview shows how black text looks on a background with the Hex color 5FC86C.

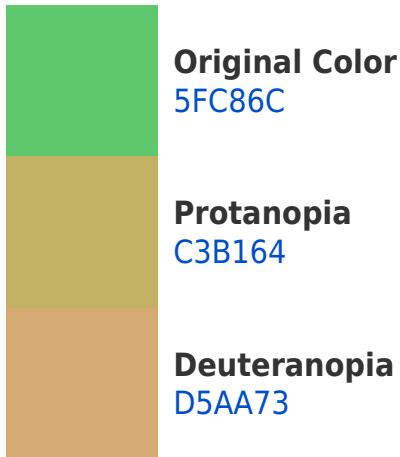


This preview shows how white text looks on a background with the Hex color 5FC86C.

# Color Blindness Simulation

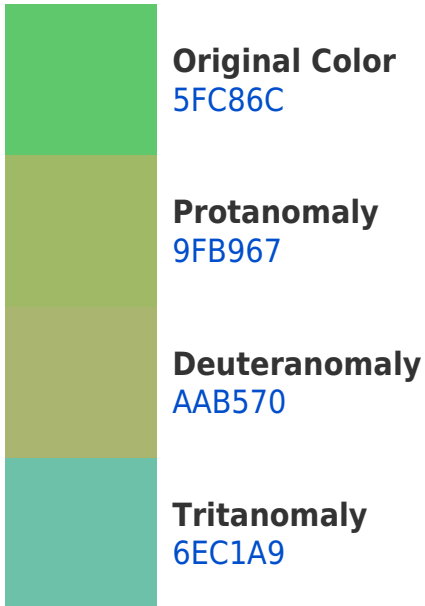
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

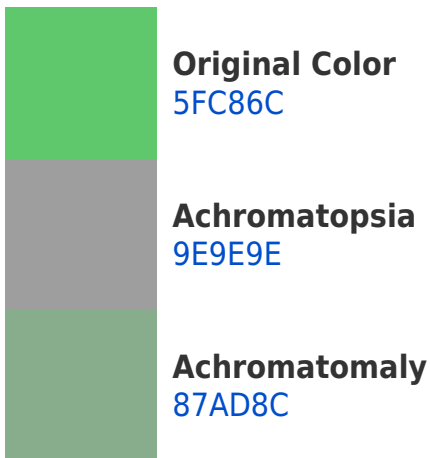




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FC86C 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 #5FC86C looks like.

```
.text, #text, p{  
    color:#5FC86C  
}
```

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 #5FC86C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC86C
}
```

## Border

The CSS property to change the border of an element to Hex 5FC86C 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
#5FC86C }
```

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

```
.border{ border-color:#5FC86C }
```

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

Here you see how a box with a 4 pixel #5FC86C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC86C; -webkit-box-shadow:4px 4px  
4px 4px #5FC86C; box-shadow:4px 4px 4px  
4px #5FC86C }
```

# Background

The CSS property to change the background color of an element to Hex 5FC86C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC86C }
```

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

```
.background{ background-color:#5FC86C }
```

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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