

# Converting Colors

Hex(5FCD83)

Have a look what the booklet for  
Hex(5FCD83) contains.

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**Color**

**Hex(5FCD83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FCD83
RGB	95, 205, 131
RGB Percent	37%, 80%, 51%
CMY	0.6275, 0.1961, 0.4863
CMYK	0.54, 0.00, 0.36, 0.20
HSL	140°, 52%, 59%
HSV	140°, 54%, 80%
XYZ	30.6474, 47.7342, 29.0711
YIQ	163.6740, -41.8060, -46.3340

# Conversions

## Conversions Part 2

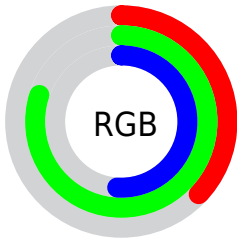
Format	Color
<a href="#">RYB</a>	<a href="#">95, 178, 205</a>
Decimal	<a href="#">6278531</a>
CIELab	<a href="#">74.66, -47.90, 27.52</a>
CIELCh	<a href="#">75, 55.242, 150.120</a>
Yxy	<a href="#">47.7342, 0.2852, 0.4442</a>
Android (android.graphics.Color)	<a href="#">4284468611</a> ( <a href="#">0xFF5FCD83</a> )
YUV	<a href="#">163.6740, -16.1083, -60.2271</a>
Hunter-Lab	<a href="#">69.0900, -41.7273, 23.4154</a>

# Details

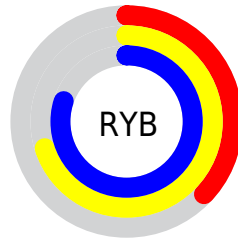
The Hex color **5FCD83** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **CD5FA9**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **99FFB9**, and **1D9651** is the 20% darker color. If you saturate the color by 10%, you get **4BCD75**, and if you desaturate by 10%, it is **74CD91**.

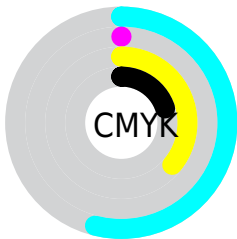
# Distribution



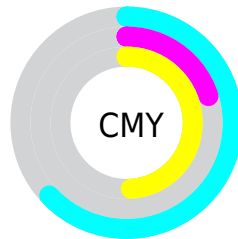
- Red (37%)
- Green (80%)
- Blue (51%)



- Red (37%)
- Yellow (70%)
- Blue (80%)



- Cyan (54%)
- Magenta (0%)
- Yellow (36%)
- Black (20%)



- Cyan (63%)
- Magenta (20%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FCD83 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 5FCD83 by changing the saturation by 10% instead.



 5FCD83

 5FCD83

FFFFFF

 41B169

 99FFB9

 1D9651

 B6FFD4

 007B39

 D3FFF1

 006222

 F0FFFF

 00490B

 003100

 001900

 000000

 5FCD83

 5FCD83

 4BCD75

 74CD91

 36CD67

 88CD9F

 22CD5A

 9DCDAC

 0DCD4C

 B1CDBA

 00CD43

 C6CDC8

 DACDD6

 EFCDE4

 FFCDF1

 FFCDFE

# Harmonies

## Analogous

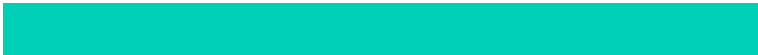
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A1C45C



5FCD83



00D1B6

# Triad

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



5FCD83



57BDFE



FF9287

# Complementary

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



5FCD83



CD5FA9

# 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.



FF8CBA



5FCD83



BBAAFF

# Square

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



5FCD83



00CAFF



F697EB



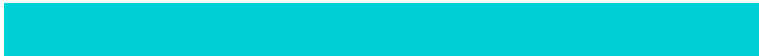
FDA260

# Rectangle

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



5FCD83



00D1D9



F697EB



FF8E98

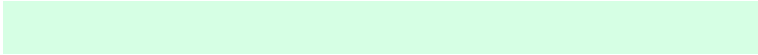


# Sweetspot

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



5FCD83



D6FFE4



AACD5F



67806F



000000



808080



# Same Dimension

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



5FCD83



5CFF91



5FCDB9



5C665F



00A636



00260D



# Inverse Universe

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



CD5FA9



FF5CCA



CD5F73



665C63



A60070



26001A



# Previews

## White Background



This preview shows how the Hex color 5FCD83 looks on a white background.

## Color Contrast Check

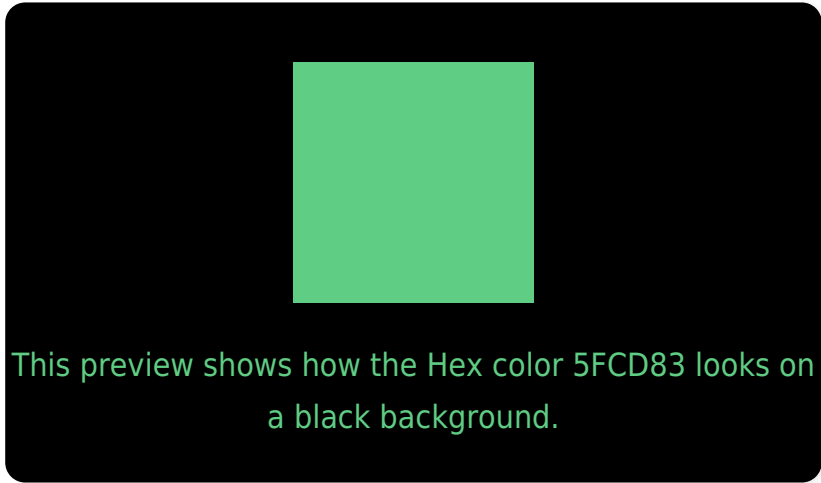
Large Text (above 18pt) WCAG AA × Fail

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

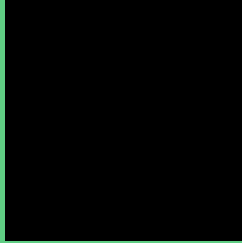
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5FCD83 Background



This preview shows how black text looks on a background with the Hex color 5FCD83.

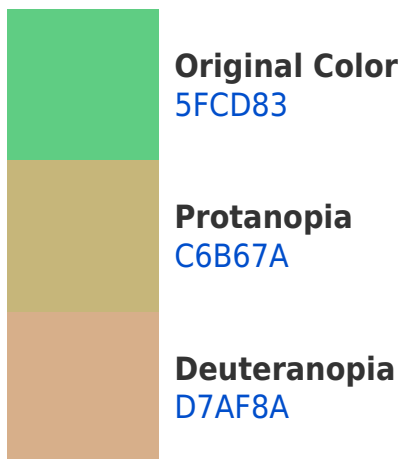


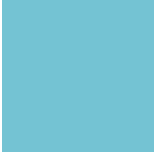
This preview shows how white text looks on a background with the Hex color 5FCD83.

# 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](#).

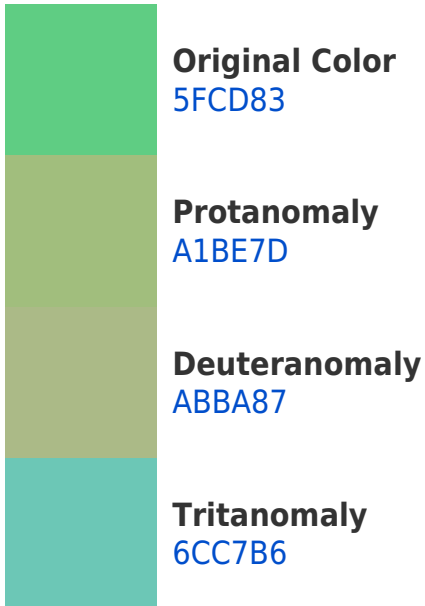
## Dichromacy



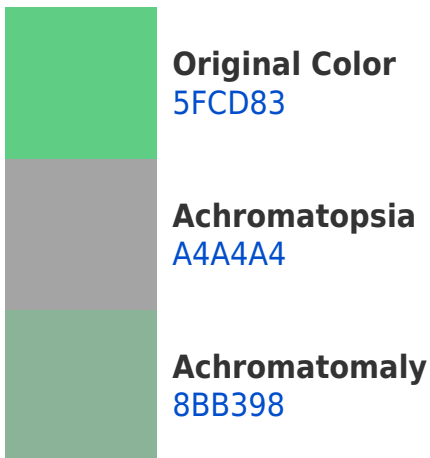


**Tritanopia**  
74C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FCD83 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 #5FCD83 looks like.

```
.text, #text, p{  
    color:#5FCD83  
}
```

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 #5FCD83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FCD83
}
```

## Border

The CSS property to change the border of an element to Hex 5FCD83 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
#5FCD83 }
```

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

```
.border{ border-color:#5FCD83 }
```

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

Here you see how a box with a 4 pixel #5FCD83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FCD83; -webkit-box-shadow:4px 4px  
4px 4px #5FCD83; box-shadow:4px 4px 4px  
4px #5FCD83 }
```

# Background

The CSS property to change the background color of an element to Hex 5FCD83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FCD83 }
```

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

```
.background{ background-color:#5FCD83 }
```

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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