

# Converting Colors

Hex(5DC86F)

Have a look what the booklet for  
Hex(5DC86F) contains.

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**Color**

**Hex(5DC86F)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5DC86F                       |
| RGB         | 93, 200, 111                 |
| RGB Percent | 36%, 78%, 44%                |
| CMY         | 0.6353, 0.2157, 0.5647       |
| CMYK        | 0.53, 0.00, 0.45, 0.22       |
| HSL         | 130°, 49%, 57%               |
| HSV         | 130°, 54%, 78%               |
| XYZ         | 28.0377, 44.7834, 22.2052    |
| YIQ         | 157.8610, -35.2030, -50.3630 |

# Conversions

## Conversions Part 2

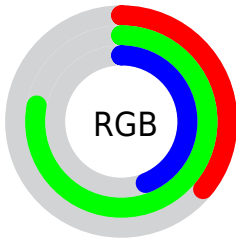
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">93, 185, 200</a>                     |
| Decimal                             | <a href="#">6146159</a>                          |
| CIELab                              | <a href="#">72.75, -49.70, 35.29</a>             |
| CIELCh                              | <a href="#">73, 60.954, 144.619</a>              |
| Yxy                                 | <a href="#">44.7834, 0.2951,<br/>0.4713</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4284336239<br/>(0xFF5DC86F)</a>      |
| YUV                                 | <a href="#">157.8610, -23.1025,<br/>-56.8831</a> |
| Hunter-Lab                          | <a href="#">66.9204, -42.3244,<br/>27.1709</a>   |

# Details

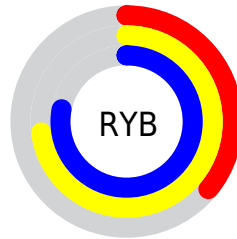
The Hex color **5DC86F** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C85DB6**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **97FFA4**, and **1A913D** is the 20% darker color. If you saturate the color by 10%, you get **49C85E**, and if you desaturate by 10%, it is **71C880**.

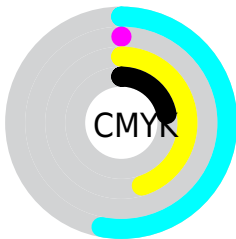
# Distribution



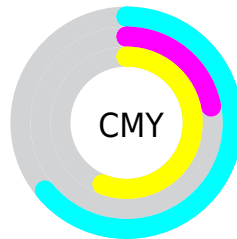
- Red (36%)
- Green (78%)
- Blue (44%)



- Red (36%)
- Yellow (73%)
- Blue (78%)



- Cyan (53%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (64%)
- Magenta (22%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DC86F 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 5DC86F by changing the saturation by 10% instead.



 5DC86F

 5DC86F

FFFFFF

 3FAC56

 97FFA4

 1A913D

 B3FFBF

 007725

 D1FFDB

 005D0B

 EEEFF8

 004400

 002E00

 001100

 000000

 5DC86F

 5DC86F

 49C85E

 71C880

 35C84E

 85C890

 21C83D

 99C8A1

 0DC82C

 ADC8B2

 00C822

 C1C8C2

 D5C8D3

 E9C8E3

 FDC8F4

 FFC8FF

# Harmonies

## Analogous

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



A4BD46



5DC86F



00CDA6

# Triad

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



5DC86F



00BCFF



FF8587

# Complementary

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



5DC86F



C85DB6

# 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.



FF81BF



5DC86F



A4A8FF

# Square

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



5DC86F



00C8FF



ED91F4



FF9758

# Rectangle

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



5DC86F



00CECD



ED91F4



FF8199

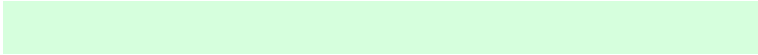


# Sweetspot

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



5DC86F



D6FFDD



B6C85D



67806B



000000



808080



# Same Dimension

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



5DC86F



5CFF77



5DC8A4



5A635B



00A31B



002406



# Inverse Universe

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



C85DB6



FF5CE4



C85D81



635A62



A30088



24001E



# Previews

## White Background



This preview shows how the Hex color 5DC86F 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 5DC86F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

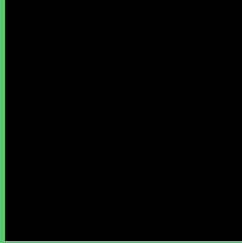
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DC86F Background



This preview shows how black text looks on a background with the Hex color 5DC86F.

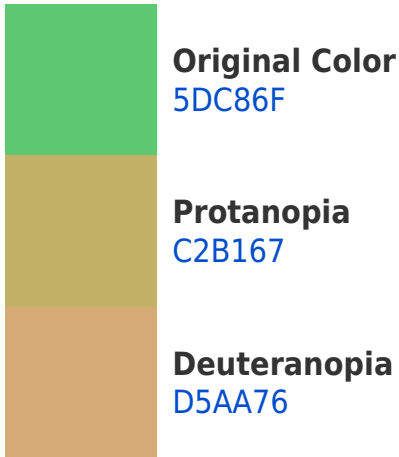


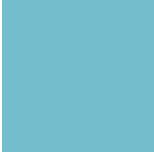
This preview shows how white text looks on a background with the Hex color 5DC86F.

# 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](#).

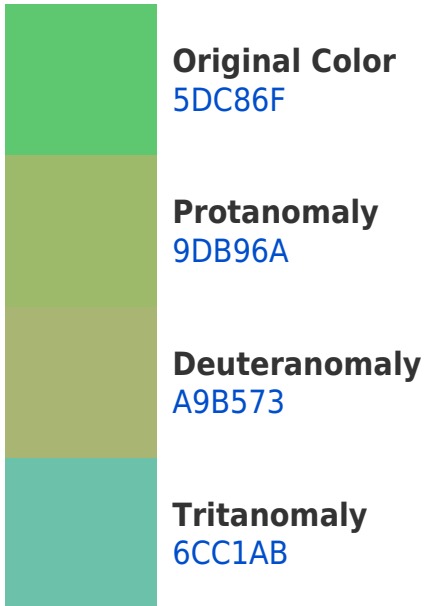
## Dichromacy



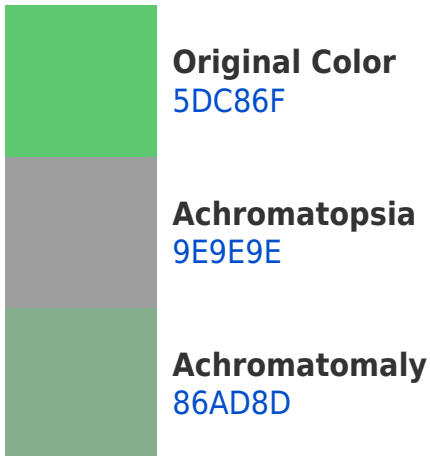


**Tritanopia**  
74BDCD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DC86F 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 #5DC86F looks like.

```
.text, #text, p{  
    color:#5DC86F  
}
```

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 #5DC86F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DC86F
}
```

## Border

The CSS property to change the border of an element to Hex 5DC86F 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
#5DC86F }
```

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

```
.border{ border-color:#5DC86F }
```

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

Here you see how a box with a 4 pixel #5DC86F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DC86F; -webkit-box-shadow:4px 4px  
4px 4px #5DC86F; box-shadow:4px 4px 4px  
4px #5DC86F }
```

# Background

The CSS property to change the background color of an element to Hex 5DC86F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DC86F }
```

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

```
.background{ background-color:#5DC86F }
```

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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