

# Converting Colors

Hex(65C64F)

Have a look what the booklet for  
Hex(65C64F) contains.

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**Color**

**Hex(65C64F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65C64F
RGB	101, 198, 79
RGB Percent	40%, 78%, 31%
CMY	0.6039, 0.2235, 0.6902
CMYK	0.49, 0.00, 0.60, 0.22
HSL	109°, 51%, 54%
HSV	109°, 60%, 78%
XYZ	26.9722, 43.7194, 14.4142
YIQ	155.4310, -19.6130, -57.5730

# Conversions

## Conversions Part 2

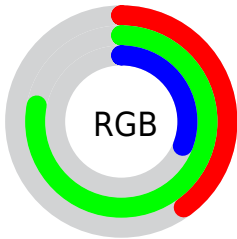
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 198, 176
Decimal	6669903
CIELab	72.04, -50.91, 49.86
CIELCh	72, 71.264, 135.598
Yxy	43.7194, 0.3169, 0.5137
Android (android.graphics.Color)	4284859983 (0xFF65C64F)
YUV	155.4310, -37.6805, -47.7360
Hunter-Lab	66.1206, -42.8967, 33.3593

# Details

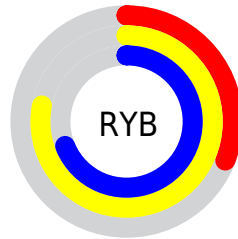
The Hex color **65C64F** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **B04FC6**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9EFF84**, and **268F18** is the 20% darker color. If you saturate the color by 10%, you get **55C63B**, and if you desaturate by 10%, it is **75C663**.

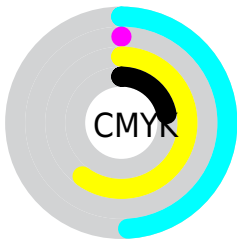
# Distribution



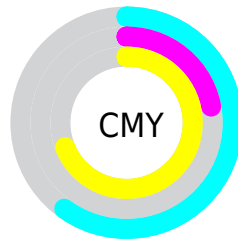
- Red (40%)
- Green (78%)
- Blue (31%)



- Red (31%)
- Yellow (78%)
- Blue (69%)



- Cyan (49%)
- Magenta (0%)
- Yellow (60%)
- Black (22%)



- Cyan (60%)
- Magenta (22%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65C64F 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 65C64F by changing the saturation by 10% instead.



 65C64F

 65C64F

FFFFFF

 48AA35

 9EFF84

 268F18

 BBFF9F

 007500

 D9FFBB

 005B00

 F7FFD7

 004300

 FFFFF4

 002D00

 000E00

 000000

 65C64F

 65C64F

 55C63B

 75C663

 45C627

 85C677

 35C614

 95C68A

 25C600

 A6C69E

 B6C6B2

 C6C6C6

 D6C6DA

 E6C6ED

 F6C6FF

# Harmonies

## Analogous

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



B1B81F



65C64F



00CD8E

# Triad

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



65C64F



00C1FF



FF7391

# Complementary

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



65C64F



B04FC6

# Split Complementary

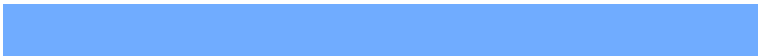
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF77D3



65C64F



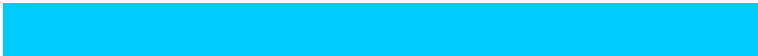
70ACFF

# Square

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



65C64F



00CCFF



DF90FF



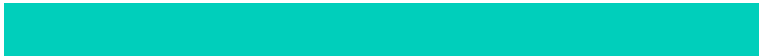
FF8756

# Rectangle

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



65C64F



00CFBB



DF90FF



FF71A7

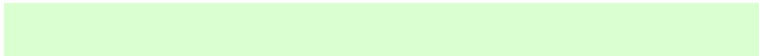


# Sweetspot

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



65C64F



DAFFD1



C6AE4F



698063



000000



808080



# Same Dimension

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



65C64F



69FF47



4FC673



5B635A



1EA300



072400



# Inverse Universe

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



B04FC6



DD47FF



C64FA2



625A63



8500A3



1D0024



# Previews

## White Background



This preview shows how the Hex color 65C64F looks on a white background.

## Color Contrast Check

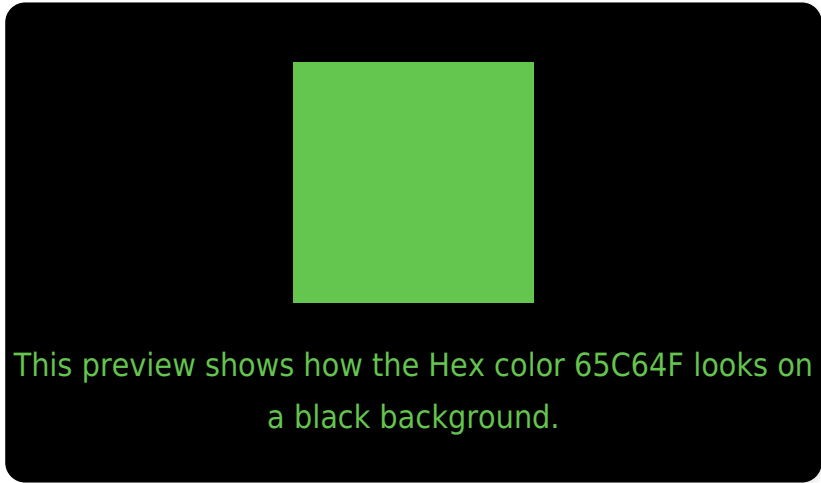
Large Text (above 18pt) WCAG AA × Fail

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 65C64F Background



This preview shows how black text looks on a background with the Hex color 65C64F.



This preview shows how white text looks on a background with the Hex color 65C64F.

# 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



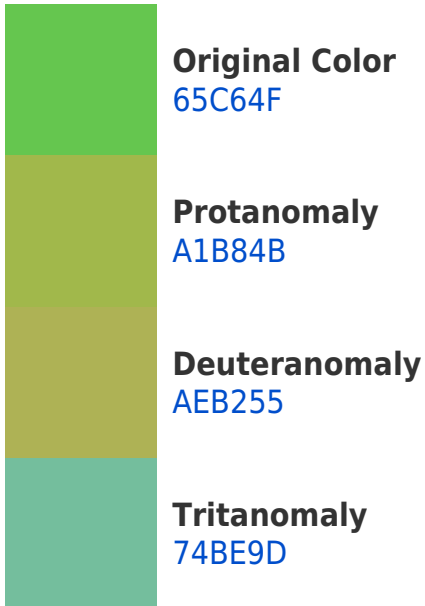
**Original Color**  
65C64F

**Protanopia**  
C3B048

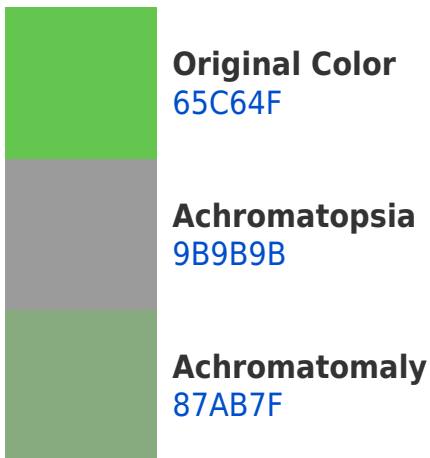
**Deuteranopia**  
D8A758



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65C64F 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 #65C64F looks like.

```
.text, #text, p{  
    color:#65C64F  
}
```

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 #65C64F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C64F
}
```

## Border

The CSS property to change the border of an element to Hex 65C64F 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
#65C64F }
```

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

```
.border{ border-color:#65C64F }
```

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

Here you see how a box with a 4 pixel #65C64F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C64F; -webkit-box-shadow:4px 4px  
4px 4px #65C64F; box-shadow:4px 4px 4px  
4px #65C64F }
```

# Background

The CSS property to change the background color of an element to Hex 65C64F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C64F }
```

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

```
.background{ background-color:#65C64F }
```

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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