

# Converting Colors

Hex(65BF60)

Have a look what the booklet for  
Hex(65BF60) contains.

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**Color**

**Hex(65BF60)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65BF60
RGB	101, 191, 96
RGB Percent	40%, 75%, 38%
CMY	0.6039, 0.2510, 0.6235
CMYK	0.47, 0.00, 0.50, 0.25
HSL	117°, 43%, 56%
HSV	117°, 50%, 75%
XYZ	26.1090, 40.8728, 17.5795
YIQ	153.2600, -23.1450, -48.6250

# Conversions

## Conversions Part 2

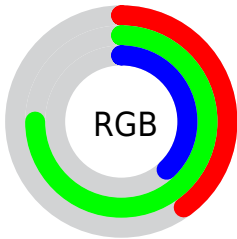
Format	Color
<a href="#">RYB</a>	<a href="#">96, 191, 186</a>
Decimal	<a href="#">6668128</a>
CIELab	<a href="#">70.09, -46.04, 39.52</a>
CIElCh	<a href="#">70, 60.673, 139.354</a>
Yxy	<a href="#">40.8728, 0.3088, 0.4834</a>
Android (android.graphics.Color)	<a href="#">4284858208 (0xFF65BF60)</a>
YUV	<a href="#">153.2600, -28.2292, -45.8320</a>
Hunter-Lab	<a href="#">63.9319, -38.9837, 28.4492</a>

# Details

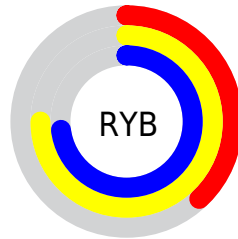
The Hex color **65BF60** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BA60BF**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **9DF894**, and **2A892E** is the 20% darker color. If you saturate the color by 10%, you get **53BF4D**, and if you desaturate by 10%, it is **77BF73**.

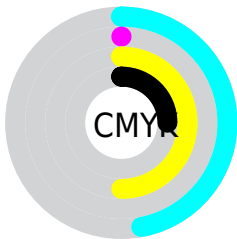
# Distribution



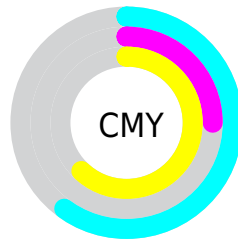
- Red (40%)
- Green (75%)
- Blue (38%)



- Red (38%)
- Yellow (75%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (50%)
- Black (25%)



- Cyan (60%)
- Magenta (25%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65BF60 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 65BF60 by changing the saturation by 10% instead.



 65BF60

 65BF60

FFFFFF

 49A347


 9DF894

 2A892E

 BAFFB0

 006F14

 D7FFCB

 005500

 F4FFE8

 003D00

 002800

 000100

 000000

 65BF60

 65BF60

 53BF4D

 77BF73

 41BF3A

 89BF86

 2FBF27

 9BBF99

 1DBF14

 ADBFAC

 0BBF01

 BFBFBF

 0ABF00

 D2BFD3

 E4BFE6

 F6BFF9

 FFBFFF

# Harmonies

## Analogous

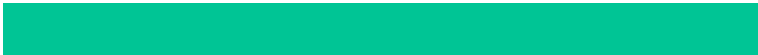
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A7B33B



65BF60



00C595

# Triad

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



65BF60



00B7FF



FF7B8A

# Complementary

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



65BF60



BA60BF

# 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.



FF7CC1



65BF60



8BA5FF

# Square

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



65BF60



00C2FE



DB8EF4



FF8C59

# Rectangle

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



65BF60



00C6BC



DB8EF4



FF799C

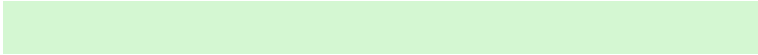


# Sweetspot

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



65BF60



D4F7D2



BFB960



687D66



FCFCFC



7D7D7D



# Same Dimension

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



65BF60



6BF763



60BF89



555E55



089E00



021F00



# Inverse Universe

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



BA60BF



F063F7



BF6096



5E555E



96009E



1D001F



# Previews

## White Background



This preview shows how the Hex color 65BF60 looks on a white background.

## Color Contrast Check

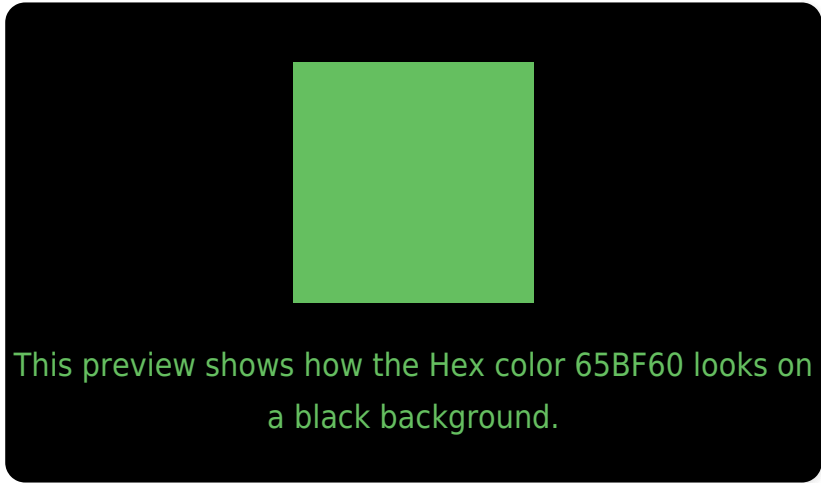
Large Text (above 18pt) WCAG AA × Fail

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 65BF60 Background



This preview shows how black text looks on a background with the Hex color 65BF60.

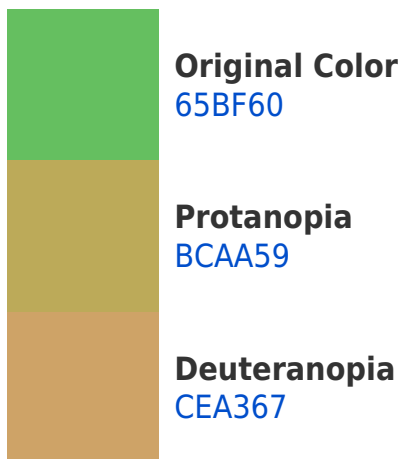


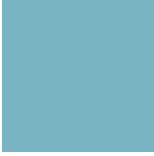
This preview shows how white text looks on a background with the Hex color 65BF60.

# 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](#).

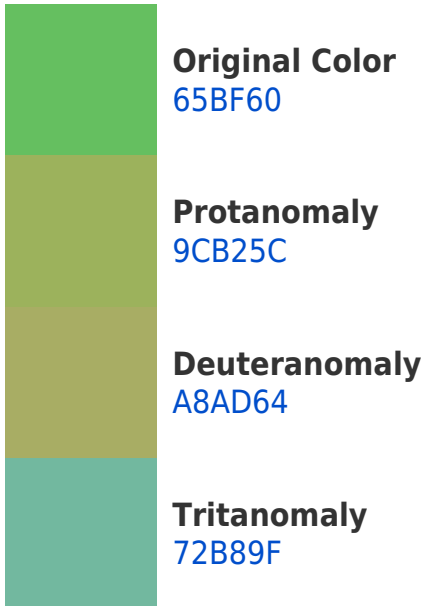
## Dichromacy



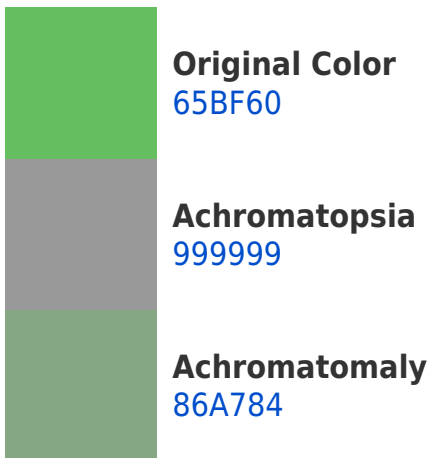


**Tritanopia**  
79B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65BF60 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 #65BF60 looks like.

```
.text, #text, p{  
    color:#65BF60  
}
```

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 #65BF60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65BF60
}
```

## Border

The CSS property to change the border of an element to Hex 65BF60 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
#65BF60 }
```

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

```
.border{ border-color:#65BF60 }
```

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

Here you see how a box with a 4 pixel #65BF60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65BF60; -webkit-box-shadow:4px 4px  
4px 4px #65BF60; box-shadow:4px 4px 4px  
4px #65BF60 }
```

# Background

The CSS property to change the background color of an element to Hex 65BF60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65BF60 }
```

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

```
.background{ background-color:#65BF60 }
```

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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