

# Converting Colors

Hex(65BA76)

Have a look what the booklet for  
Hex(65BA76) contains.

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**Color**

**Hex(65BA76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65BA76
RGB	101, 186, 118
RGB Percent	40%, 73%, 46%
CMY	0.6039, 0.2706, 0.5373
CMYK	0.46, 0.00, 0.37, 0.27
HSL	132°, 38%, 56%
HSV	132°, 46%, 73%
XYZ	26.1957, 39.1925, 23.3238
YIQ	152.8330, -28.8320, -39.1680

# Conversions

## Conversions Part 2

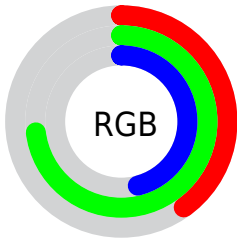
Format	Color
<a href="#">RYB</a>	<a href="#">101, 172, 186</a>
Decimal	<a href="#">6666870</a>
CIELab	<a href="#">68.89, -40.52, 26.70</a>
CIELCh	<a href="#">69, 48.523, 146.622</a>
Yxy	<a href="#">39.1925, 0.2953, 0.4418</a>
Android (android.graphics.Color)	<a href="#">4284856950 (0xFF65BA76)</a>
YUV	<a href="#">152.8330, -17.1727, -45.4575</a>
Hunter-Lab	<a href="#">62.6039, -34.8660, 21.7336</a>

# Details

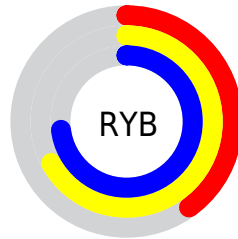
The Hex color **65BA76** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA65A9**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9CF3AB**, and **2D8445** is the 20% darker color. If you saturate the color by 10%, you get **52BA67**, and if you desaturate by 10%, it is **78BA85**.

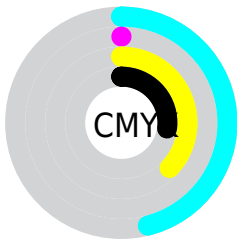
# Distribution



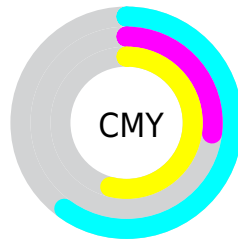
- Red (40%)
- Green (73%)
- Blue (46%)



- Red (40%)
- Yellow (67%)
- Blue (73%)



- Cyan (46%)
- Magenta (0%)
- Yellow (37%)
- Black (27%)



- Cyan (60%)
- Magenta (27%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65BA76 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 65BA76 by changing the saturation by 10% instead.



 65BA76

 65BA76

FFFFFF

 4A9F5D

 9CF3AB

 2D8445

 B8FFC6

 056A2D

 D5FFE2

 005117

 F2FFFF

 003900

 002500

 000000

 65BA76

 65BA76

 52BA67

 78BA85

 40BA58

 8ABA94

 2DBA49

 9DBAA3

 1BBA3A

 AFBAB2

 08BA2C

 C2BAC0

 00BA25

 D5BACF

 E7BADE

 FABAED

 FFBAFC

# Harmonies

## Analogous

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



9BB157



65BA76



00BEA1

# Triad

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



65BA76



4DAEFF



FA8783

# Complementary

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



65BA76



BA65A9

# 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.



F684AF



65BA76



A49FF7

# Square

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



65BA76



00B9F1



DA8ED9



E89460

# Rectangle

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



65BA76



00BFC0



DA8ED9



FB8491

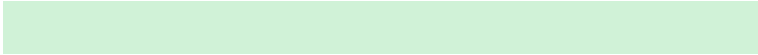


# Sweetspot

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



65BA76



D0F2D7



A9BA65



667A6A



FAFAFA



7A7A7A



# Same Dimension

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



65BA76



6DF288



65BAA1



535C54



009C1F



001C06



# Inverse Universe

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



BA65A9



F26DD8



BA657F



5C535A



9C007C



1C0016



# Previews

## White Background



This preview shows how the Hex color 65BA76 looks on a white background.

## Color Contrast Check

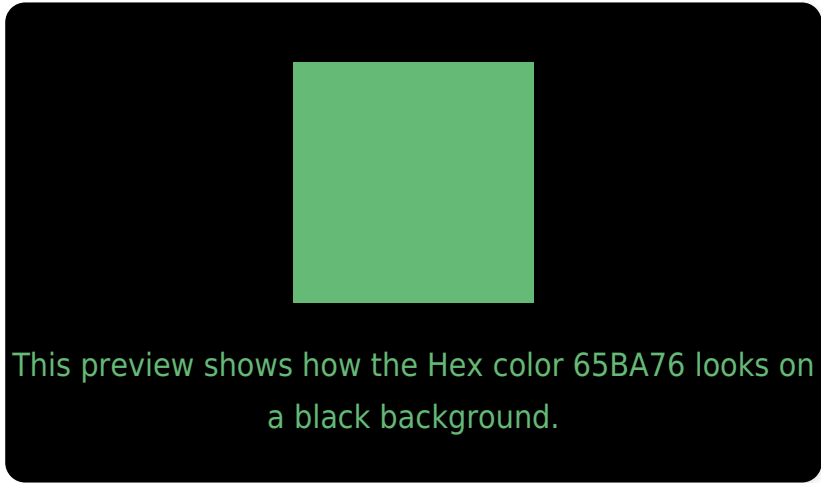
Large Text (above 18pt) WCAG AA × Fail

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

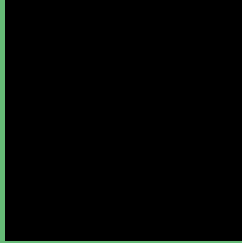
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65BA76 Background



This preview shows how black text looks on a background with the Hex color 65BA76.

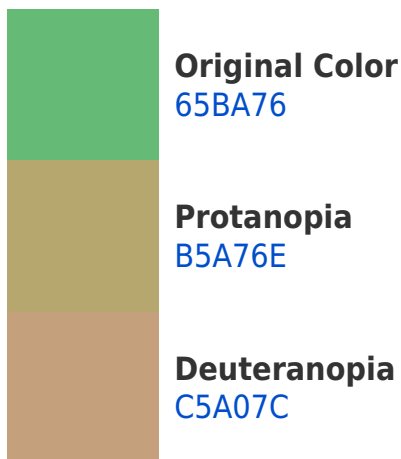


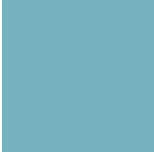
This preview shows how white text looks on a background with the Hex color 65BA76.

# 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](#).

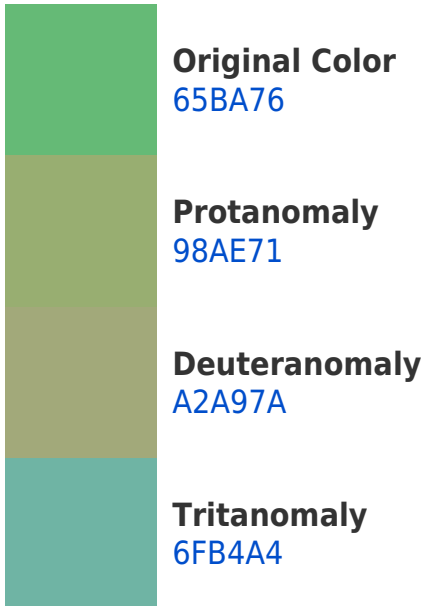
## Dichromacy





**Tritanopia**  
75B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65BA76 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 #65BA76 looks like.

```
.text, #text, p{  
    color:#65BA76  
}
```

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 #65BA76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65BA76
}
```

## Border

The CSS property to change the border of an element to Hex 65BA76 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
#65BA76 }
```

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

```
.border{ border-color:#65BA76 }
```

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

Here you see how a box with a 4 pixel #65BA76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65BA76; -webkit-box-shadow:4px 4px  
4px 4px #65BA76; box-shadow:4px 4px 4px  
4px #65BA76 }
```

# Background

The CSS property to change the background color of an element to Hex 65BA76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65BA76 }
```

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

```
.background{ background-color:#65BA76 }
```

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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