

# Converting Colors

Hex(65AF6D)

Have a look what the booklet for  
Hex(65AF6D) contains.

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# **Color**

**Hex(65AF6D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65AF6D
RGB	101, 175, 109
RGB Percent	40%, 69%, 43%
CMY	0.6039, 0.3137, 0.5725
CMYK	0.42, 0.00, 0.38, 0.31
HSL	126°, 32%, 54%
HSV	126°, 42%, 69%
XYZ	23.4571, 34.5308, 19.8968
YIQ	145.3500, -22.9180, -36.2140

# Conversions

## Conversions Part 2

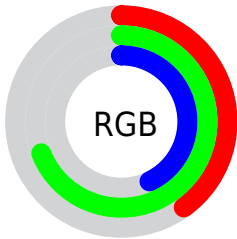
Format	Color
<a href="#">RYB</a>	<a href="#">101, 168, 175</a>
Decimal	<a href="#">6664045</a>
CIELab	<a href="#">65.38, -37.15, 26.82</a>
CIELCh	<a href="#">65, 45.823, 144.177</a>
Yxy	<a href="#">34.5308, 0.3012, 0.4434</a>
Android (android.graphics.Color)	<a href="#">4284854125</a> ( <a href="#">0xFF65AF6D</a> )
YUV	<a href="#">145.3500, -17.9205, -38.8949</a>
Hunter-Lab	<a href="#">58.7629, -31.5810, 21.0588</a>

# Details

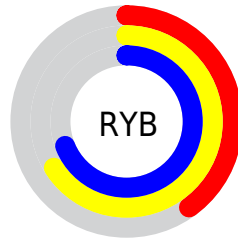
The Hex color **65AF6D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AF65A7**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9BE7A1**, and **2F7A3C** is the 20% darker color. If you saturate the color by 10%, you get **54AF5D**, and if you desaturate by 10%, it is **77AF7D**.

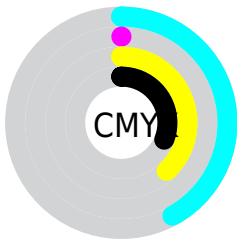
# Distribution



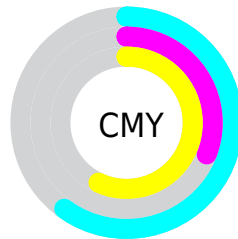
- Red (40%)
- Green (69%)
- Blue (43%)



- Red (40%)
- Yellow (66%)
- Blue (69%)



- Cyan (42%)
- Magenta (0%)
- Yellow (38%)
- Black (31%)



- Cyan (60%)
- Magenta (31%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65AF6D 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 65AF6D by changing the saturation by 10% instead.





65AF6D



65AF6D

FFFFFF



4A9454



9BE7A1



2F7A3C



B7FFBC



0F6025



D4FFD8



00480F



F1FFF5



003100



001B00



000000



65AF6D



65AF6D



54AF5D



77AF7D

 42AF4E

 88AF8C

 31AF3E

 9AAF9C

 1FAF2F

 ABAFAB

 0EAF1F

 BDAFBB

 00AF13

 CEAFCB

 E0AFDA

 F1AFEA

 FFAFF9

# Harmonies

## Analogous

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



96A651



65AF6D



01B395

# Triad

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



65AF6D



42A5F0



EC7F7F

# Complementary

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



65AF6D



AF65A7

# 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.



E77DA9



65AF6D



9697EA

# Square

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



65AF6D



00AFE0



CA87CF



DD8B5D

# Rectangle

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



65AF6D



00B4B1



CA87CF



ED7D8D



# Sweetspot

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



65AF6D



C5E3C9



A8AF65



607362



F2F2F2



737373



# Same Dimension

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



65AF6D



6FE37C



65AF91



4E574F



009610



001702



# Inverse Universe

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



AF65A7



E36FD6



AF6583



574E56



960086



170014



# Previews

## White Background



This preview shows how the Hex color 65AF6D looks on a white background.

## Color Contrast Check

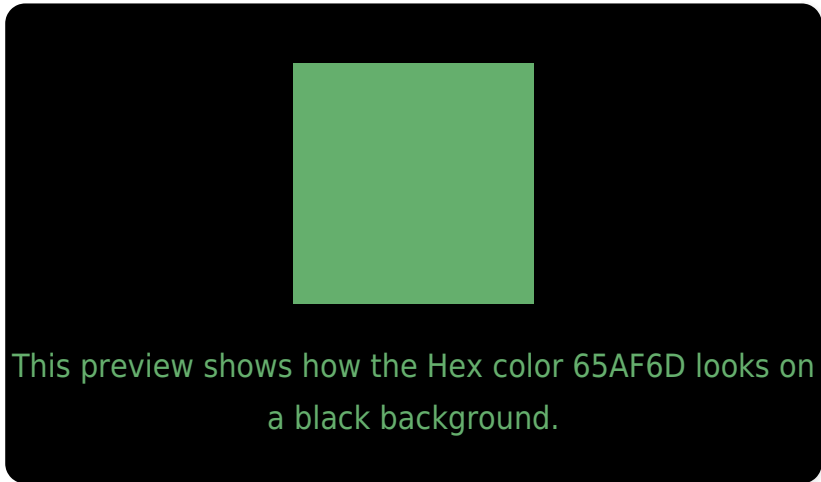
Large Text (above 18pt) WCAG AA × Fail

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

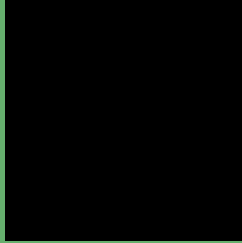
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65AF6D Background



This preview shows how black text looks on a background with the Hex color 65AF6D.



This preview shows how white text looks on a background with the Hex color 65AF6D.

# 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](#).

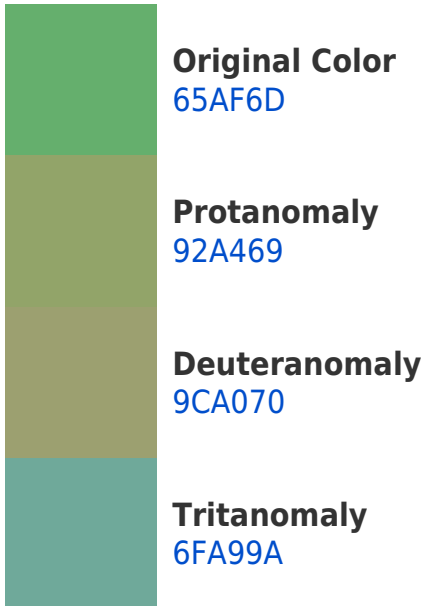
## Dichromacy



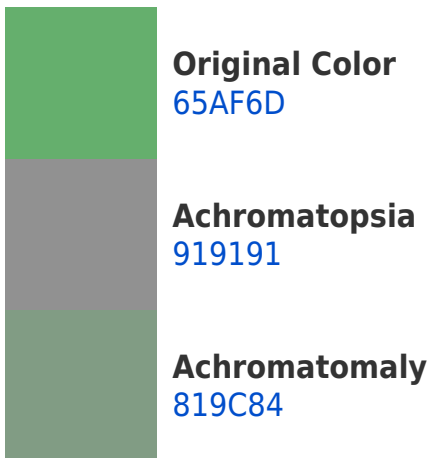


**Tritanopia**  
74A6B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65AF6D 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 #65AF6D looks like.

```
.text, #text, p{  
    color:#65AF6D  
}
```

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 #65AF6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65AF6D
}
```

## Border

The CSS property to change the border of an element to Hex 65AF6D 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
#65AF6D }
```

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

```
.border{ border-color:#65AF6D }
```

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

Here you see how a box with a 4 pixel #65AF6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65AF6D; -webkit-box-shadow:4px 4px  
4px 4px #65AF6D; box-shadow:4px 4px 4px  
4px #65AF6D }
```

# Background

The CSS property to change the background color of an element to Hex 65AF6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65AF6D }
```

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

```
.background{ background-color:#65AF6D }
```

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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