

# Converting Colors

Hex(65A07B)

Have a look what the booklet for  
Hex(65A07B) contains.

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**Color**

**Hex(65A07B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65A07B
RGB	101, 160, 123
RGB Percent	40%, 63%, 48%
CMY	0.6039, 0.3725, 0.5176
CMYK	0.37, 0.00, 0.23, 0.37
HSL	142°, 24%, 51%
HSV	142°, 37%, 63%
XYZ	21.5128, 29.3384, 23.2679
YIQ	138.1410, -23.2870, -24.0150

# Conversions

## Conversions Part 2

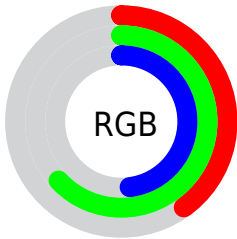
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 144, 160
Decimal	6660219
CIELab	61.08, -27.53, 13.32
CIELCh	61, 30.580, 154.172
Yxy	29.3384, 0.2902, 0.3958
Android (android.graphics.Color)	4284850299 (0xFF65A07B)
YUV	138.1410, -7.4645, -32.5727
Hunter-Lab	54.1649, -23.8934, 12.4459

# Details

The Hex color **65A07B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A0658A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9AD7B0**, and **326C4A** is the 20% darker color. If you saturate the color by 10%, you get **55A071**, and if you desaturate by 10%, it is **75A085**.

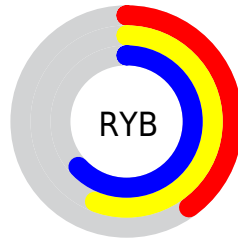
# Distribution



Red (40%)

Green (63%)

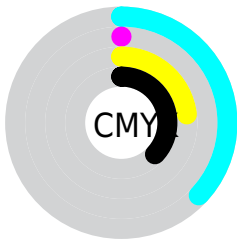
Blue (48%)



Red (40%)

Yellow (56%)

Blue (63%)

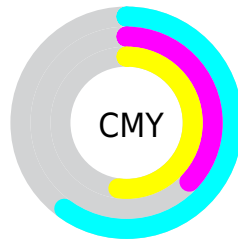


Cyan (37%)

Magenta (0%)

Yellow (23%)

Black (37%)



Cyan (60%)

Magenta (37%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65A07B 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 65A07B by changing the saturation by 10% instead.





65A07B



65A07B

FFFFFF



4B8662



9AD7B0



326C4A



B5F4CB



185333



D2FFE7



003C1E



EEFFFF



002606



000700



000000



65A07B



65A07B



55A071



75A085

 45A067

 85A08F

 35A05D

 95A099

 25A053

 A5A0A3

 15A049

 B5A0AD

 05A03F

 C5A0B7

 00A03C

 D5A0C1

 E5A0CB

 F5A0D5

# Harmonies

## Analogous

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



859B66



65A07B



44A296

# Triad

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



65A07B



7495C9



C78276

# Complementary

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



65A07B



A0658A

# 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.



C77F91



65A07B



9C8BC0

# Square

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



65A07B



4A9CC3



B982AB



B98A63

# Rectangle

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



65A07B



34A2A9



B982AB



C9807F



# Sweetspot

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



65A07B



BAD1C3



8AA065



5B6960



E8E8E8



696969



# Same Dimension

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



65A07B



75D197



65A098



474F4A



008F35



000F06



# Inverse Universe

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



A0658A



D175AF



A0656D



4F474C



8F005A



0F000A



# Previews

## White Background



This preview shows how the Hex color 65A07B looks on a white background.

## Color Contrast Check

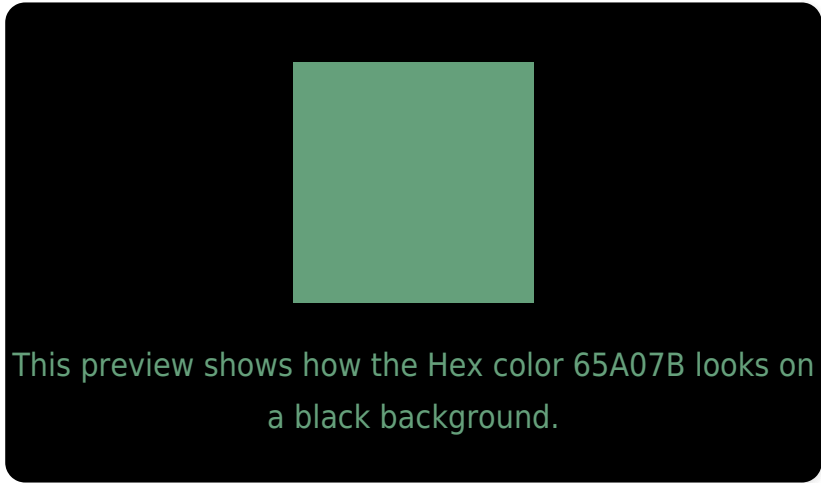
Large Text (above 18pt) WCAG AA ✓ Pass

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

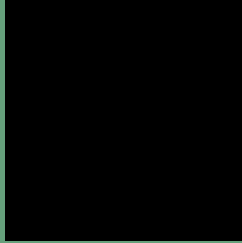
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 65A07B Background



This preview shows how black text looks on a background with the Hex color 65A07B.



This preview shows how white text looks on a background with the Hex color 65A07B.

# 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**  
6E9AA7

# Trichromacy



**Original Color**  
65A07B

**Protanomaly**  
889777

**Deuteranomaly**  
90947E

**Tritanomaly**  
6B9C97

# Monochromacy



**Original Color**  
65A07B

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
7D9285

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65A07B 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 #65A07B looks like.

```
.text, #text, p{  
    color:#65A07B  
}
```

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 #65A07B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65A07B
}
```

## Border

The CSS property to change the border of an element to Hex 65A07B 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
#65A07B }
```

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

```
.border{ border-color:#65A07B }
```

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

Here you see how a box with a 4 pixel #65A07B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65A07B; -webkit-box-shadow:4px 4px  
4px 4px #65A07B; box-shadow:4px 4px 4px  
4px #65A07B }
```

# Background

The CSS property to change the background color of an element to Hex 65A07B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65A07B }
```

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

```
.background{ background-color:#65A07B }
```

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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