

Converting Colors

Hex(64B17E)

Have a look what the booklet for
Hex(64B17E) contains.

Hex(64B17E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(64B17E)

Conversions

Conversions Part 1

Format	Color
Hex	64B17E
RGB	100, 177, 126
RGB Percent	39%, 69%, 49%
CMY	0.6078, 0.3059, 0.5059
CMYK	0.44, 0.00, 0.29, 0.31
HSL	140°, 33%, 54%
HSV	140°, 44%, 69%
XYZ	24.7436, 35.6600, 25.3176
YIQ	148.1630, -29.5210, -32.1850

Conversions

Conversions Part 2

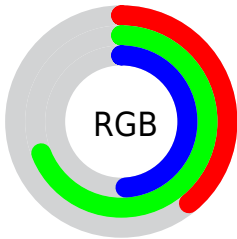
Format	Color
RYB	100, 158, 177
Decimal	6599038
CIELab	66.26, -35.31, 18.84
CIELCh	66, 40.019, 151.912
Yxy	35.6600, 0.2887, 0.4160
Android (android.graphics.Color)	4284789118 (0xFF64B17E)
YUV	148.1630, -10.9264, -42.2390
Hunter-Lab	59.7160, -30.5407, 16.6642

Details

The Hex color **64B17E** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B16497**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **9AE9B3**, and **2E7C4D** is the 20% darker color. If you saturate the color by 10%, you get **52B172**, and if you desaturate by 10%, it is **76B18A**.

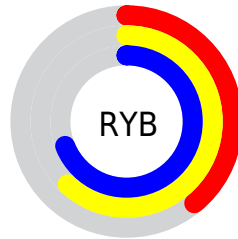
Distribution



Red (39%)

Green (69%)

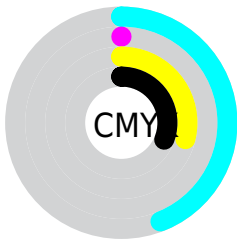
Blue (49%)



Red (39%)

Yellow (62%)

Blue (69%)

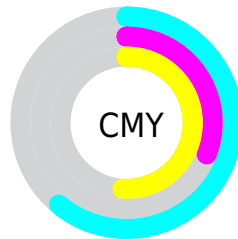


Cyan (44%)

Magenta (0%)

Yellow (29%)

Black (31%)



Cyan (61%)

Magenta (31%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64B17E 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 64B17E by changing the saturation by 10% instead.

 64B17E

 64B17E

FFFFFF

 499665

 9AE9B3

 2E7C4D

 B6FFCE

 0C6236

 D3FFEB

 004A20

 F0FFFF

 003209

 001E00

 000000

 64B17E

 64B17E

 52B172

 76B18A

 41B167

 87B195

 2FB15B

 99B1A1

 1DB14F

 ABB1AD

 0CB143

 BDB1B9

 00B13C

 CEB1C4

 E0B1D0

 F2B1DC

 FFB1E8

Harmonies

Analogous

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



90AA63



64B17E



26B4A2

Triad

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



64B17E



6EA4E9



E4887D

Complementary

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



64B17E



B16497

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.



E484A0



64B17E



A897DE

Square

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



64B17E



14AEE0



D08AC4



D39362

Rectangle

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



64B17E



00B4BB



D08AC4



E68688

Sweetspot

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



64B17E



C8E6D2



97B164



607367



F2F2F2



737373

Same Dimension

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



64B17E



6EE696



64B1A4



505953



009934



001A09

Inverse Universe

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



B16497



E66EBD



B16471



595056



990065



1A0011

Previews

White Background



This preview shows how the Hex color 64B17E looks on a white background.

Color Contrast Check

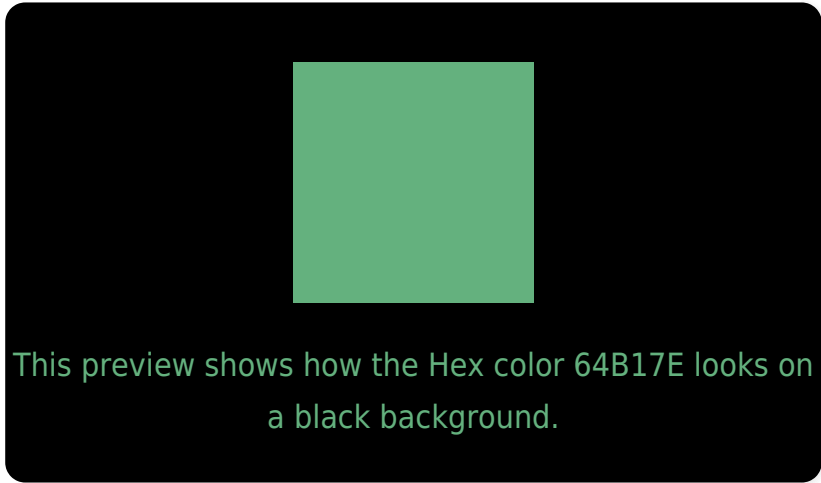
Large Text (above 18pt) WCAG AA × Fail

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

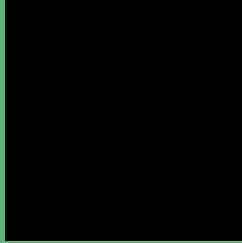
Any Text WCAG AA ✓ Pass

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 64B17E Background



This preview shows how black text looks on a background with the Hex color 64B17E.

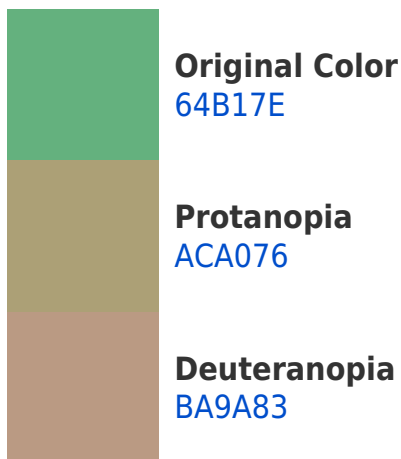


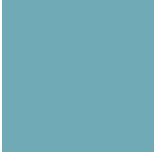
This preview shows how white text looks on a background with the Hex color 64B17E.

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](#).

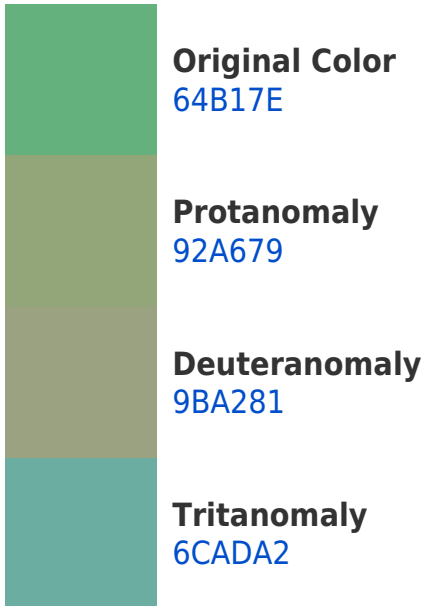
Dichromacy



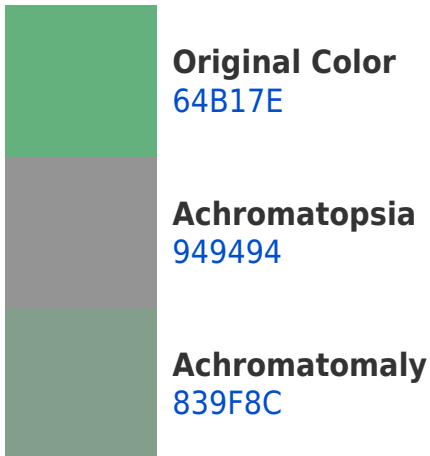


Tritanopia
71AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64B17E 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 #64B17E looks like.

```
.text, #text, p{  
    color:#64B17E  
}
```

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 #64B17E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B17E
}
```

Border

The CSS property to change the border of an element to Hex 64B17E 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
#64B17E }
```

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

```
.border{ border-color:#64B17E }
```

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

Here you see how a box with a 4 pixel #64B17E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B17E; -webkit-box-shadow:4px 4px  
4px 4px #64B17E; box-shadow:4px 4px 4px  
4px #64B17E }
```

Background

The CSS property to change the background color of an element to Hex 64B17E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B17E }
```

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

```
.background{ background-color:#64B17E }
```

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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