

Converting Colors

Hex(64765E)

Have a look what the booklet for
Hex(64765E) contains.

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Color

Hex(64765E)

Conversions

Conversions Part 1

Format	Color
Hex	64765E
RGB	100, 118, 94
RGB Percent	39%, 46%, 37%
CMY	0.6078, 0.5373, 0.6314
CMYK	0.15, 0.00, 0.20, 0.54
HSL	105°, 11%, 42%
HSV	105°, 20%, 46%
XYZ	13.7543, 16.4743, 13.0446
YIQ	109.8820, -3.0240, -11.2800

Conversions

Conversions Part 2

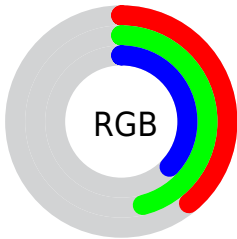
Format	Color
R_{YB}	94, 118, 112
Decimal	6583902
CIE _{Lab}	47.59, -11.59, 11.04
CIE _{LCh}	48, 16.012, 136.389
Yxy	16.4743, 0.3178, 0.3807
Android (android.graphics.Color)	4284773982 (0xFF64765E)
YUV	109.8820, -7.8298, -8.6665
Hunter-Lab	40.5886, -10.5414, 9.3570

Details

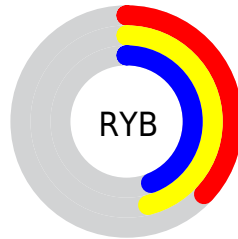
The Hex color **64765E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **705E76**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **97AA90**, and **354630** is the 20% darker color. If you saturate the color by 10%, you get **5B7652**, and if you desaturate by 10%, it is **6D766A**.

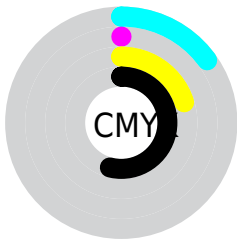
Distribution



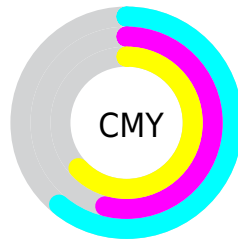
- Red (39%)
- Green (46%)
- Blue (37%)



- Red (37%)
- Yellow (46%)
- Blue (44%)



- Cyan (15%)
- Magenta (0%)
- Yellow (20%)
- Black (54%)



- Cyan (61%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64765E 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 64765E by changing the saturation by 10% instead.



64765E



64765E

FFFFFF



4C5D46



97AA90



354630



B2C5AB



1F2F1B



CDE1C6



0A1B00



EAFEE2



000000



64765E



64765E



5B7652



6D766A



527646



767676



49763B



7F7681

■ 41762F

■ 87768D

■ 387623

■ 907699

■ 2F7617

■ 9976A5

■ 26760B

■ A276B1

■ 1D7600

■ AB76BC

■ B476C8

Harmonies

Analogous

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



737257



64765E



56786A

Triad

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



64765E



59748B



8D676A

Complementary

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



64765E



705E76

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.



886878



64765E



6B708B

Square

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



64765E



4D7784



7C6B84



8A6A5E

Rectangle

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



64765E



4E7973



7C6B84



8C676E

Sweetspot

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



64765E



929990



76705E



484D47



CCCCCC



4D4D4D

Same Dimension

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



64765E



7D9974



5E7664



363B35



1F7A00



3EFA00

Inverse Universe

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



705E76



907499



765E70



39353B



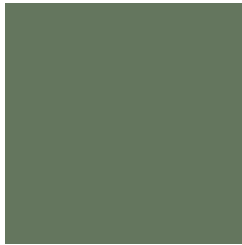
5C007A



BB00FA

Previews

White Background



This preview shows how the Hex color 64765E looks on a white background.

Color Contrast Check

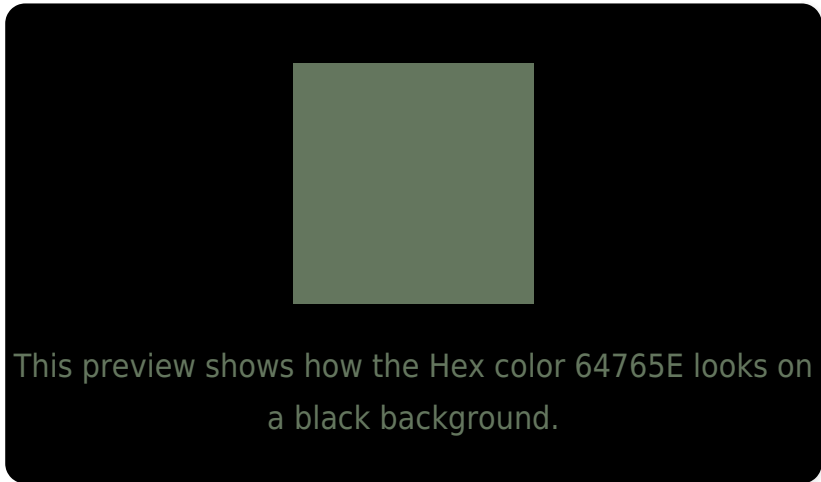
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

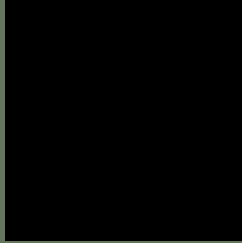
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 64765E Background



This preview shows how black text looks on a background with the Hex color 64765E.

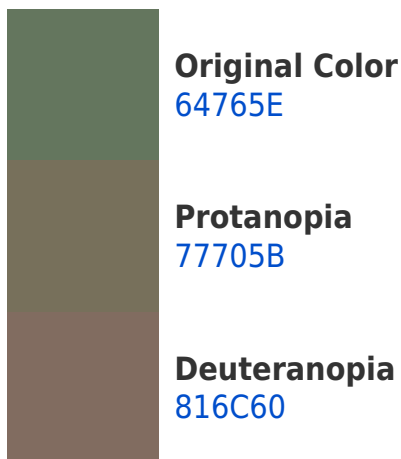


This preview shows how white text looks on a background with the Hex color 64765E.

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
69727B

Trichromacy



Original Color
64765E

Protanomaly
70725C

Deuteranomaly
76705F

Tritanomaly
677370

Monochromacy



Original Color
64765E

Achromatopsia
6E6E6E

Achromatomaly
6A7168

CSS Examples

Text

The CSS property to change the color of the text to Hex 64765E 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 #64765E looks like.

```
.text, #text, p{  
    color:#64765E  
}
```

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 #64765E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64765E
}
```

Border

The CSS property to change the border of an element to Hex 64765E is called "border". The border property can be set on classes, ids or directly on the HTML element.

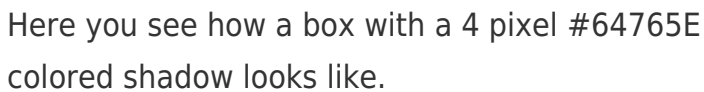
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64765E }
```

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

```
.border{ border-color:#64765E }
```

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



Here you see how a box with a 4 pixel #64765E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64765E; -webkit-box-shadow:4px 4px  
4px 4px #64765E; box-shadow:4px 4px 4px  
4px #64765E }
```

Background

The CSS property to change the background color of an element to Hex 64765E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64765E }
```

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

```
.background{ background-color:#64765E }
```

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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