

Converting Colors

Hex(64835E)

Have a look what the booklet for
Hex(64835E) contains.

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Color

Hex(64835E)

Conversions

Conversions Part 1

Format	Color
Hex	64835E
RGB	100, 131, 94
RGB Percent	39%, 51%, 37%
CMY	0.6078, 0.4863, 0.6314
CMYK	0.24, 0.00, 0.28, 0.49
HSL	110°, 16%, 44%
HSV	110°, 28%, 51%
XYZ	15.3922, 19.7501, 13.5906
YIQ	117.5130, -6.5990, -18.0790

Conversions

Conversions Part 2

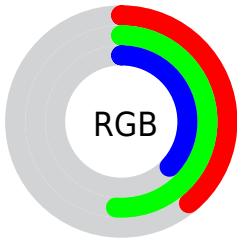
Format	Color
R_{YB}	94, 131, 125
Decimal	6587230
CIE _{Lab}	51.55, -18.64, 16.52
CIE _{LCh}	52, 24.909, 138.454
Yxy	19.7501, 0.3158, 0.4053
Android (android.graphics.Color)	4284777310 (0xFF64835E)
YUV	117.5130, -11.5919, -15.3589
Hunter-Lab	44.4411, -15.9482, 12.9772

Details

The Hex color **64835E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D5E83**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **98B891**, and **345130** is the 20% darker color. If you saturate the color by 10%, you get **598351**, and if you desaturate by 10%, it is **6F836B**.

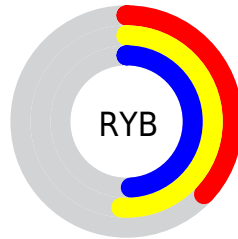
Distribution



Red (39%)

Green (51%)

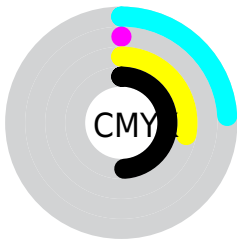
Blue (37%)



Red (37%)

Yellow (51%)

Blue (49%)

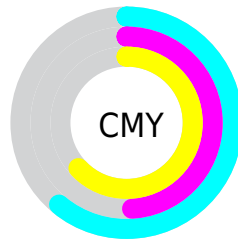


Cyan (24%)

Magenta (0%)

Yellow (28%)

Black (49%)



Cyan (61%)

Magenta (49%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64835E 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 64835E by changing the saturation by 10% instead.

 64835E

 64835E

FFFFFF

 4C6A46

 98B891

 345130

 B2D4AB

 1D3A1A

 CEF0C7

 092401

 EBFEE3

 000B00

 000000

 64835E

 64835E

 598351

 6F836B

 4E8344

 7A8378

■ 438337

■ 858385

■ 38832A

■ 908392

■ 2D831D

■ 9B83A0

■ 22830F

■ A683AD

■ 178302

■ B183BA

■ 158300

■ BC83C7

■ C783D4

Harmonies

Analogous

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



7C7E52



64835E



4B8672

Triad

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



64835E



527FA4



A56B6E

Complementary

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



64835E



7D5E83

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.



A06C84



64835E



7278A3

Square

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



64835E



38849A



8E7197



A0705C

Rectangle

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



64835E



3C8780



8E7197



A56B76

Sweetspot

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



64835E



9FAB9D



837D5E



4F574E



D6D6D6



575757

Same Dimension

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



64835E



7AAB71



5E836A



3D423C



158200



000300

Inverse Universe

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



7D5E83



A171AB



835E77



413C42



6D0082



020003

Previews

White Background



This preview shows how the Hex color 64835E looks on a white background.

Color Contrast Check

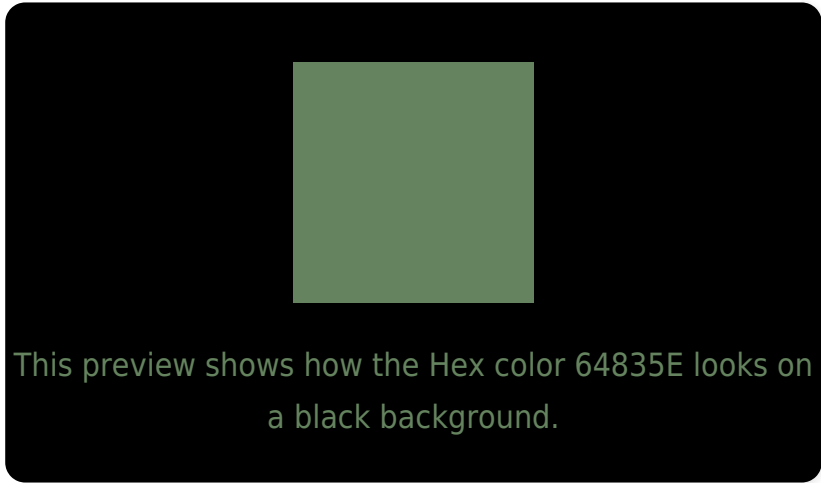
Large Text (above 18pt) WCAG AA ✓ Pass

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

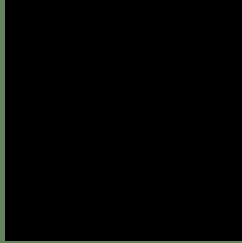
Any Text WCAG AA ✓ Pass

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 64835E Background



This preview shows how black text looks on a background with the Hex color 64835E.



This preview shows how white text looks on a background with the Hex color 64835E.

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



Original Color
64835E

Protanopia
847A5A

Deuteranopia
8F7661

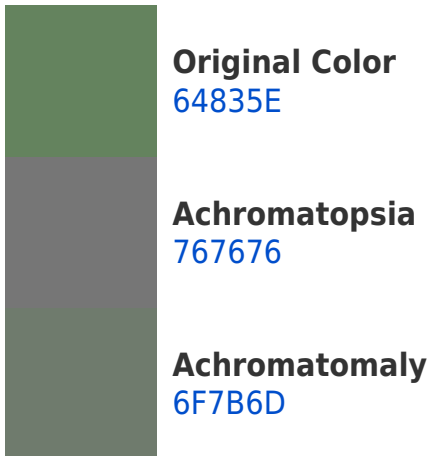


Tritanopia
6B7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64835E 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 #64835E looks like.

```
.text, #text, p{  
    color:#64835E  
}
```

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 #64835E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64835E
}
```

Border

The CSS property to change the border of an element to Hex 64835E 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".

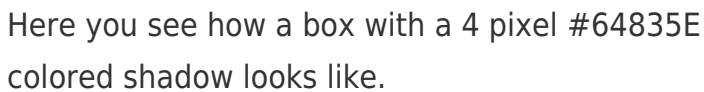
```
.border, #border, table{ border:4px solid
#64835E }
```

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

```
.border{ border-color:#64835E }
```

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

Here you see how a box with a 4 pixel #64835E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64835E; -webkit-box-shadow:4px 4px  
4px 4px #64835E; box-shadow:4px 4px 4px  
4px #64835E }
```

Background

The CSS property to change the background color of an element to Hex 64835E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64835E }
```

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

```
.background{ background-color:#64835E }
```

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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