

Converting Colors

Hex(665E55)

Have a look what the booklet for
Hex(665E55) contains.

Hex(665E55)	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(665E55)

Conversions

Conversions Part 1

Format	Color
Hex	665E55
RGB	102, 94, 85
RGB Percent	40%, 37%, 33%
CMY	0.6000, 0.6314, 0.6667
CMYK	0.00, 0.08, 0.17, 0.60
HSL	32°, 9%, 37%
HSV	32°, 17%, 40%
XYZ	11.1219, 11.4861, 10.2252
YIQ	95.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

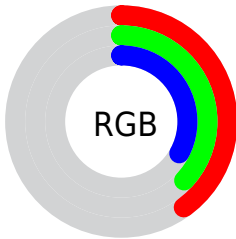
Format	Color
R_{YB}	100, 102, 85
Decimal	6708821
CIE Lab	40.39, 1.51, 6.31
CIE LCh	40, 6.490, 76.547
Yxy	11.4861, 0.3387, 0.3498
Android (android.graphics.Color)	4284898901 (0xFF665E55)
YUV	95.3660, -5.1104, 5.8180
Hunter-Lab	33.8911, -0.7319, 5.8356

Details

The Hex color **665E55** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **555D66**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **999087**, and **373028** is the 20% darker color. If you saturate the color by 10%, you get **66594B**, and if you desaturate by 10%, it is **66635F**.

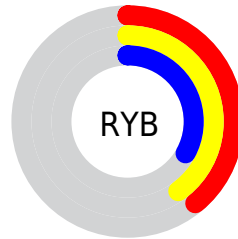
Distribution



Red (40%)

Green (37%)

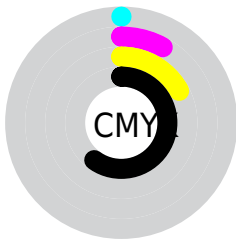
Blue (33%)



Red (39%)

Yellow (40%)

Blue (33%)

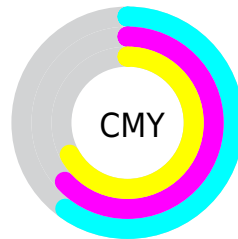


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (60%)



Cyan (60%)

Magenta (63%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 665E55 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 665E55 by changing the saturation by 10% instead.

■ 665E55

■ 665E55

FFFFFF

■ 4E463E

■ 999087

■ 373028

■ B4ABA1

■ 211B14

■ CFC6BC

■ 060000

■ ECE2D8

■ 000000

■ FFFFF4

■ 665E55

■ 665E55

■ 66594B

■ 66635F

■ 665441

■ 666869

■ 665036

■ 666C74

■ 664B2C

■ 66717E

■ 664622

■ 667688

■ 664118

■ 667B92

■ 663C0E

■ 66809C

■ 663803

■ 6684A7

■ 663600

■ 6689B1

Harmonies

Analogous

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



6A5C58



665E55



606055

Triad

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



665E55



526262



645D67

Complementary

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



665E55



555D66

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.



5D5F69



665E55



536267

Square

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



665E55



55625D



576069



695C62

Rectangle

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



665E55



5C6157



576069



625D68

Sweetspot

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



665E55



85817E



66555D



42403E



C2C2C2



424242

Same Dimension

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



665E55



85786A



666655



33312E



733D00



F28000

Inverse Universe

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



555D66



6A7785



555566



2E3033



003673



0072F2

Previews

White Background



This preview shows how the Hex color 665E55 looks on a white background.

Color Contrast Check

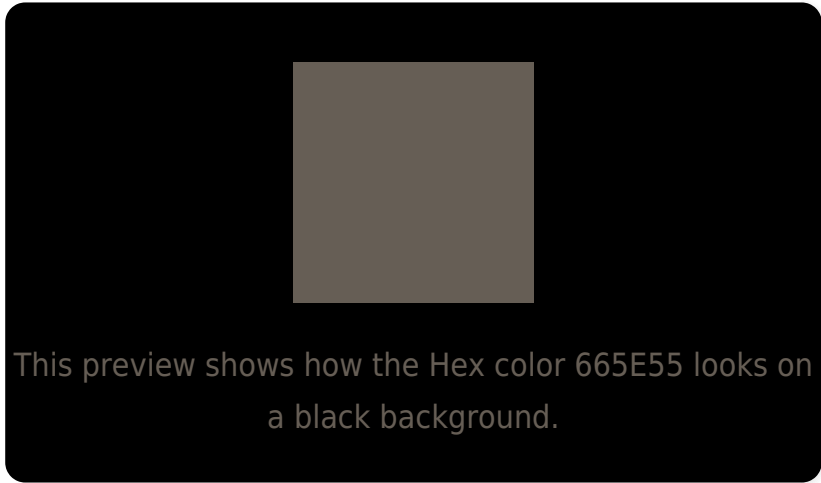
Large Text (above 18pt) WCAG AA ✓ Pass

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

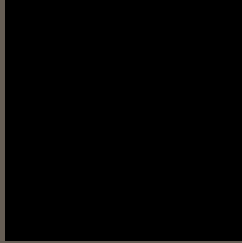
Any Text WCAG AA × Fail

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 665E55 Background



This preview shows how black text looks on a background with the Hex color 665E55.

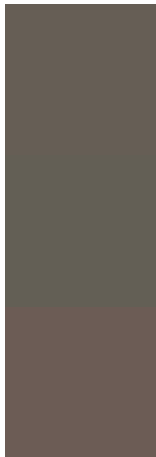


This preview shows how white text looks on a background with the Hex color 665E55.

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](#).

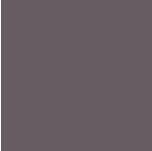
Dichromacy



Original Color
665E55

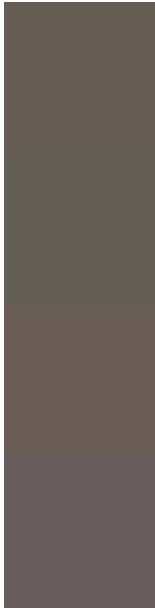
Protanopia
635F55

Deuteranopia
6C5C55



Tritanopia
685C63

Trichromacy



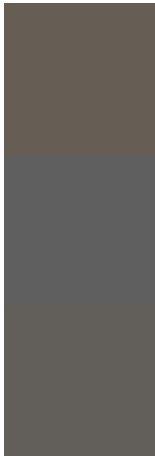
Original Color
665E55

Protanomaly
645F55

Deuteranomaly
6A5D55

Tritanomaly
675D5E

Monochromacy



Original Color
665E55

Achromatopsia
5F5F5F

Achromatomaly
625F5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 665E55 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 #665E55 looks like.

```
.text, #text, p{  
    color:#665E55  
}
```

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 #665E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665E55
}
```

Border

The CSS property to change the border of an element to Hex 665E55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

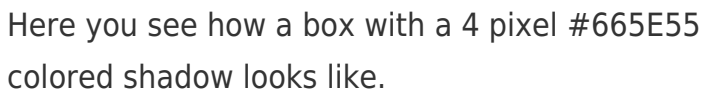
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#665E55 }
```

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

```
.border{ border-color:#665E55 }
```

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



Here you see how a box with a 4 pixel #665E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665E55; -webkit-box-shadow:4px 4px  
4px 4px #665E55; box-shadow:4px 4px 4px  
4px #665E55 }
```

Background

The CSS property to change the background color of an element to Hex 665E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665E55 }
```

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

```
.background{ background-color:#665E55 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor