

Converting Colors

Hex(685E45)

Have a look what the booklet for
Hex(685E45) contains.

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Color

Hex(685E45)

Conversions

Conversions Part 1

Format	Color
Hex	685E45
RGB	104, 94, 69
RGB Percent	41%, 37%, 27%
CMY	0.5922, 0.6314, 0.7294
CMYK	0.00, 0.10, 0.34, 0.59
HSL	43°, 20%, 34%
HSV	43°, 34%, 41%
XYZ	10.7858, 11.3781, 7.2580
YIQ	94.1400, 13.9850, -5.6550

Conversions

Conversions Part 2

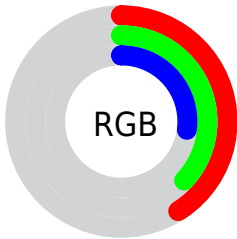
Format	Color
R_{YB}	83, 104, 69
Decimal	6839877
CIE Lab	40.21, -0.22, 15.82
CIE LCh	40, 15.823, 90.779
Yxy	11.3781, 0.3666, 0.3867
Android (android.graphics.Color)	4285029957 (0xFF685E45)
YUV	94.1400, -12.3940, 8.6472
Hunter-Lab	33.7315, -1.9539, 10.8547

Details

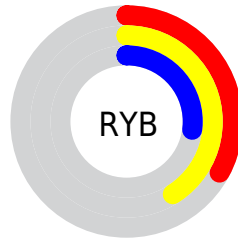
The Hex color **685E45** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **454F68**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **9C9075**, and **383019** is the 20% darker color. If you saturate the color by 10%, you get **685B3B**, and if you desaturate by 10%, it is **68614F**.

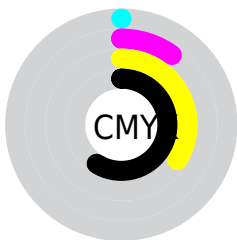
Distribution



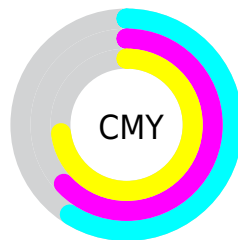
- Red (41%)
- Green (37%)
- Blue (27%)



- Red (33%)
- Yellow (41%)
- Blue (27%)



- Cyan (0%)
- Magenta (10%)
- Yellow (34%)
- Black (59%)



- Cyan (59%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 685E45 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 685E45 by changing the saturation by 10% instead.



685E45



685E45

FFFFFF



50462F



9C9075



383019



B7AB8F



231B00



D3C6AA



010100



EFE2C5



000000



FFFFE1

FFFFFFE



685E45



685E45



685B3B



68614F

■ 685830

■ 68645A

■ 685526

■ 686764

■ 68521B

■ 686A6F

■ 684F11

■ 686D79

■ 684C07

■ 687083

■ 684A00

■ 68738E

■ 687698

■ 6879A3

Harmonies

Analogous

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



735A49



685E45



5A6248

Triad

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



685E45



39666B



70576C

Complementary

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



685E45



454F68

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.



615B75



685E45



406375

Square

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



685E45



3F665F



506078



78555F

Rectangle

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



685E45



50644E



506078



6C596F

Sweetspot

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



685E45



87837A



684550



45423D



C4C4C4



454545

Same Dimension

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



685E45



877851



616845



33322E



735200



F2AD00

Inverse Universe

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



454F68



516187



4C4568



2E2F33



002173



0045F2

Previews

White Background



This preview shows how the Hex color 685E45 looks on a white background.

Color Contrast Check

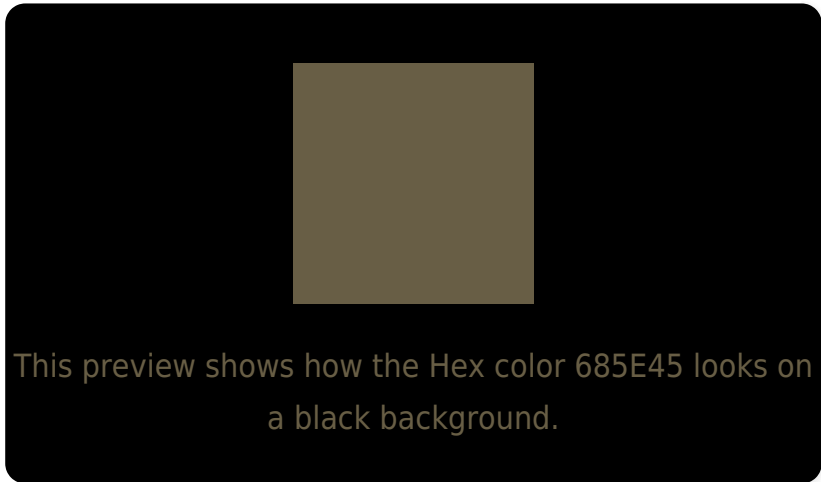
Large Text (above 18pt) WCAG AA ✓ Pass

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

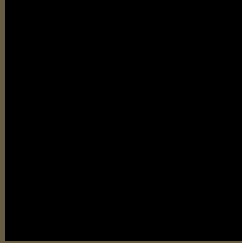
Any Text WCAG AA × Fail

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 685E45 Background



This preview shows how black text looks on a background with the Hex color 685E45.



This preview shows how white text looks on a background with the Hex color 685E45.

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
685E45

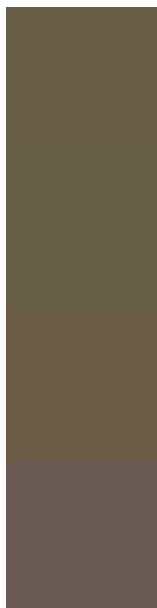
Protanopia
665F45

Deuteranopia
705B46



Tritanopia
6B5A61

Trichromacy



Original Color

685E45

Protanomaly

675F45

Deuteranomaly

6D5C46

Tritanomaly

6A5B57

Monochromacy



Original Color

685E45

Achromatopsia

5E5E5E

Achromatomaly

625E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 685E45 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 #685E45 looks like.

```
.text, #text, p{  
    color:#685E45  
}
```

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 #685E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685E45
}
```

Border

The CSS property to change the border of an element to Hex 685E45 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".

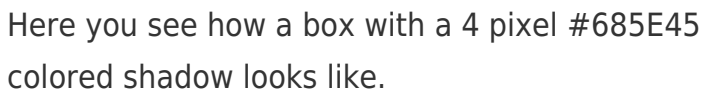
```
.border, #border, table{ border:4px solid
#685E45 }
```

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

```
.border{ border-color:#685E45 }
```

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

Here you see how a box with a 4 pixel #685E45 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685E45; -webkit-box-shadow:4px 4px  
4px 4px #685E45; box-shadow:4px 4px 4px  
4px #685E45 }
```

Background

The CSS property to change the background color of an element to Hex 685E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685E45 }
```

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

```
.background{ background-color:#685E45 }
```

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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