

Converting Colors

Hex(685033)

Have a look what the booklet for
Hex(685033) contains.

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Color

Hex(685033)

Conversions

Conversions Part 1

Format	Color
Hex	685033
RGB	104, 80, 51
RGB Percent	41%, 31%, 20%
CMY	0.5922, 0.6863, 0.8000
CMYK	0.00, 0.23, 0.51, 0.59
HSL	33°, 34%, 30%
HSV	33°, 51%, 41%
XYZ	9.1751, 8.9194, 4.3700
YIQ	83.8700, 23.6130, -3.9310

Conversions

Conversions Part 2

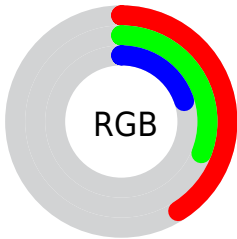
Format	Color
RYB	95, 104, 51
Decimal	6836275
CIELab	35.83, 5.97, 20.88
CIElCh	36, 21.719, 74.057
Yxy	8.9194, 0.4084, 0.3970
Android (android.graphics.Color)	4285026355 (0xFF685033)
YUV	83.8700, -16.2049, 17.6540
Hunter-Lab	29.8654, 2.5737, 12.2302

Details

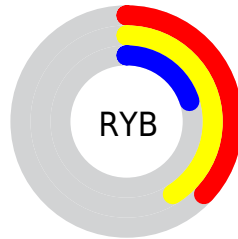
The Hex color **685033** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **334B68**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **9D8162**, and **372406** is the 20% darker color. If you saturate the color by 10%, you get **684B29**, and if you desaturate by 10%, it is **68553D**.

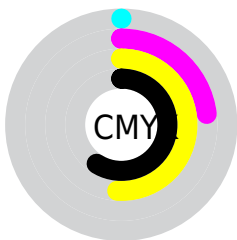
Distribution



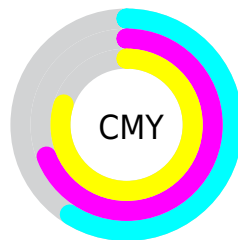
- Red (41%)
- Green (31%)
- Blue (20%)



- Red (37%)
- Yellow (41%)
- Blue (20%)



- Cyan (0%)
- Magenta (23%)
- Yellow (51%)
- Black (59%)



- Cyan (59%)
- Magenta (69%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 685033 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 685033 by changing the saturation by 10% instead.

 685033

 685033

FFFFFF

 4F391D

 9D8162

 372406

 B89B7B

 200F00

 D4B695

 000000

 F1D2B0

 FFE ECB

 FFFFE7

 685033

 685033

 684B29

 68553D

■ 68471E

■ 685948

■ 684214

■ 685E52

■ 683D09

■ 68635D

■ 683900

■ 686867

■ 686C71

■ 68717C

■ 687686

■ 687A91

Harmonies

Analogous

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



734A3D



685033



585632

Triad

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



685033



195E5C



614D6D

Complementary

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



685033



334B68

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.



495376



685033



135C6C

Square

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



685033



2F5D4A



2C5975



70485E

Rectangle

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



685033



4B5937



2C5975



594F71

Sweetspot

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



685033



877E73



68334C



453F38



C4C4C4



454545

Same Dimension

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



685033



876235



666833



33312E



733F00



F28500

Inverse Universe

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



334B68



355A87



353368



2E3033



003473



006EF2

Previews

White Background



This preview shows how the Hex color 685033 looks on a white background.

Color Contrast Check

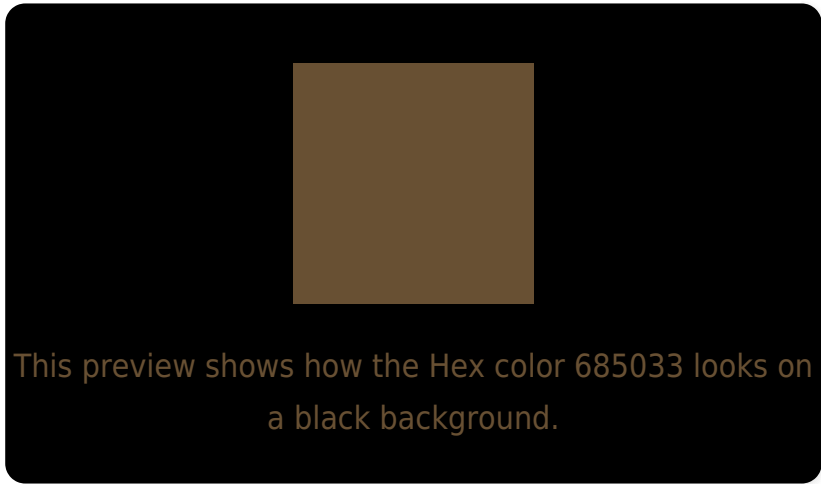
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

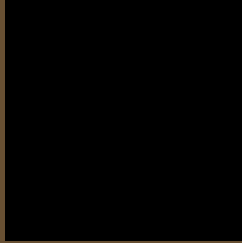
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 685033 Background



This preview shows how black text looks on a background with the Hex color 685033.



This preview shows how white text looks on a background with the Hex color 685033.

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
685033

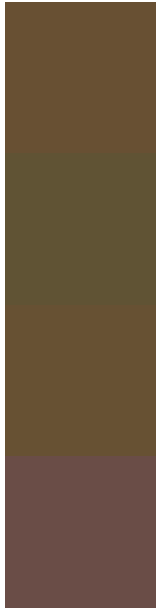
Protanopia
5C5435

Deuteranopia
665133



Tritanopia
6B4C52

Trichromacy



Original Color
685033

Protanomaly
605334

Deuteranomaly
675133

Tritanomaly
6A4D47

Monochromacy



Original Color
685033

Achromatopsia
545454

Achromatomaly
5B5348

CSS Examples

Text

The CSS property to change the color of the text to Hex 685033 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 #685033 looks like.

```
.text, #text, p{  
    color:#685033  
}
```

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 #685033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685033  
}
```

Border

The CSS property to change the border of an element to Hex 685033 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".

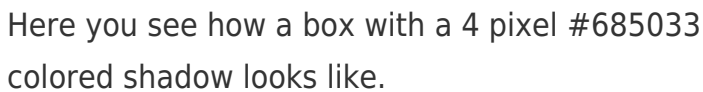
```
.border, #border, table{ border:4px solid  
#685033 }
```

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

```
.border{ border-color:#685033 }
```

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

Here you see how a box with a 4 pixel #685033 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685033; -webkit-box-shadow:4px 4px  
4px 4px #685033; box-shadow:4px 4px 4px  
4px #685033 }
```

Background

The CSS property to change the background color of an element to Hex 685033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685033 }
```

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

```
.background{ background-color:#685033 }
```

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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