

# Converting Colors

Hex(685F37)

Have a look what the booklet for  
Hex(685F37) contains.

<b>Hex(685F37)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(685F37)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	685F37
RGB	104, 95, 55
RGB Percent	41%, 37%, 22%
CMY	0.5922, 0.6275, 0.7843
CMYK	0.00, 0.09, 0.47, 0.59
HSL	49°, 31%, 31%
HSV	49°, 47%, 41%
XYZ	10.4907, 11.4033, 5.2626
YIQ	93.1310, 18.2040, -10.5320

# Conversions

## Conversions Part 2

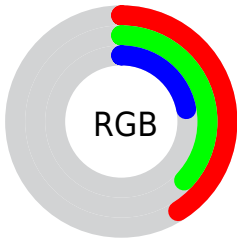
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 104, 55
Decimal	6840119
CIELab	40.25, -2.62, 24.13
CIElCh	40, 24.275, 96.200
Yxy	11.4033, 0.3863, 0.4199
Android (android.graphics.Color)	4285030199 (0xFF685F37)
YUV	93.1310, -18.7986, 9.5321
Hunter-Lab	33.7688, -3.6420, 14.3983

# Details

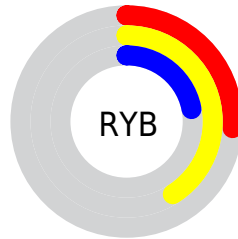
The Hex color **685F37** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **374068**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9C9167**, and **37310B** is the 20% darker color. If you saturate the color by 10%, you get **685D2D**, and if you desaturate by 10%, it is **686141**.

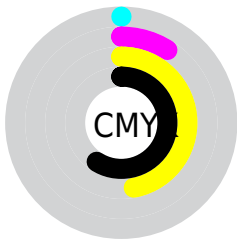
# Distribution



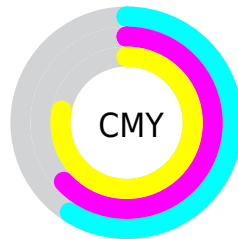
- Red (41%)
- Green (37%)
- Blue (22%)



- Red (26%)
- Yellow (41%)
- Blue (22%)



- Cyan (0%)
- Magenta (9%)
- Yellow (47%)
- Black (59%)



- Cyan (59%)
- Magenta (63%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 685F37 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 685F37 by changing the saturation by 10% instead.





685F37



685F37

FFFFFF



4F4721



9C9167



37310B



B8AC80



211C00



D3C79A



000200



F0E3B5



000000



FFFFD1



FFFFED



685F37



685F37



685D2D



686141

■ 685B22

■ 68634C

■ 685918

■ 686556

■ 68570D

■ 686761

■ 685503

■ 68696B

■ 685500

■ 686A75

■ 686C80

■ 686E8A

■ 687095

# Harmonies

## Analogous

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



79583B



685F37



53653E

# Triad

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



685F37



0D6976



7B526F

# Complementary

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



685F37



374068

# 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.



67587F



685F37



276583

# Square

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



685F37



206A62



495F86



854F5B

# Rectangle

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



685F37



436748



495F86



765475



# Sweetspot

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



685F37



878474



683741



454339



C4C4C4



454545



# Same Dimension

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



685F37



87793A



596837



33322E



735E00



F2C600



# Inverse Universe

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



374068



3A4887



463768



2E2F33



001573



002CF2



# Previews

## White Background



This preview shows how the Hex color 685F37 looks on a white background.

## Color Contrast Check

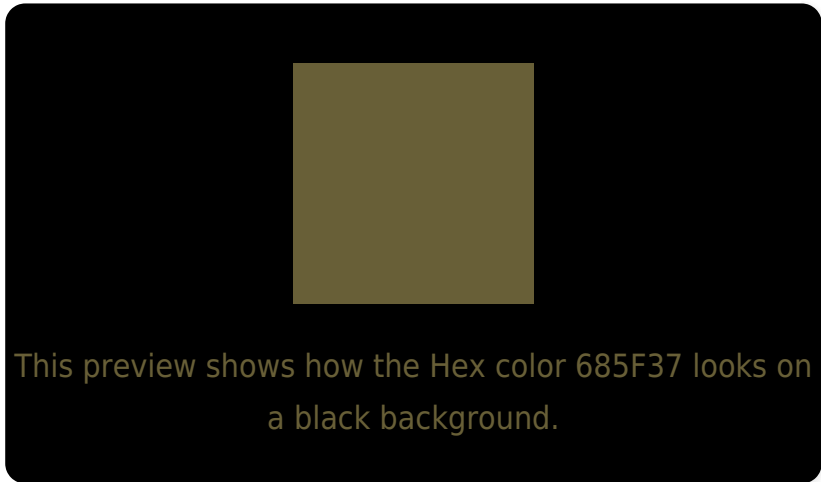
Large Text (above 18pt) WCAG AA ✓ Pass

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

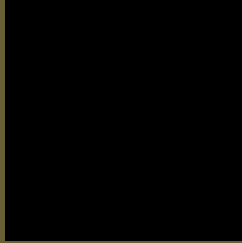
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 685F37 Background



This preview shows how black text looks on a background with the Hex color 685F37.



This preview shows how white text looks on a background with the Hex color 685F37.

# 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**  
685F37

**Protanopia**  
685F37

**Deuteranopia**  
735B38



**Tritanopia**  
6C5A61

# Trichromacy



**Original Color**  
685F37

**Protanomaly**  
685F37

**Deuteranomaly**  
6F5C38

**Tritanomaly**  
6B5C52

# Monochromacy



**Original Color**  
685F37

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
615E4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 685F37 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 #685F37 looks like.

```
.text, #text, p{  
    color:#685F37  
}
```

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 #685F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685F37
}
```

## Border

The CSS property to change the border of an element to Hex 685F37 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
#685F37 }
```

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

```
.border{ border-color:#685F37 }
```

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

Here you see how a box with a 4 pixel #685F37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685F37; -webkit-box-shadow:4px 4px  
4px 4px #685F37; box-shadow:4px 4px 4px  
4px #685F37 }
```

# Background

The CSS property to change the background color of an element to Hex 685F37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685F37 }
```

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

```
.background{ background-color:#685F37 }
```

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