

Converting Colors

Hex(685F34)

Have a look what the booklet for
Hex(685F34) contains.

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Color

Hex(685F34)

Conversions

Conversions Part 1

Format	Color
Hex	685F34
RGB	104, 95, 52
RGB Percent	41%, 37%, 20%
CMY	0.5922, 0.6275, 0.7961
CMYK	0.00, 0.09, 0.50, 0.59
HSL	50°, 33%, 31%
HSV	50°, 50%, 41%
XYZ	10.4210, 11.3754, 4.8952
YIQ	92.7890, 19.1670, -11.4650

Conversions

Conversions Part 2

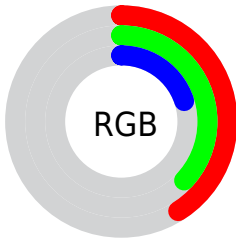
Format	Color
RYB	63, 104, 52
Decimal	6840116
CIELab	40.21, -2.96, 25.79
CIELCh	40, 25.959, 96.540
Yxy	11.3754, 0.3904, 0.4262
Android (android.graphics.Color)	4285030196 (0xFF685F34)
YUV	92.7890, -20.1090, 9.8320
Hunter-Lab	33.7274, -3.8709, 15.0038

Details

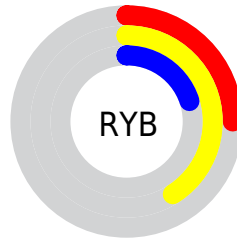
The Hex color **685F34** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **343D68**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9C9164**, and **373107** is the 20% darker color. If you saturate the color by 10%, you get **685D2A**, and if you desaturate by 10%, it is **68613E**.

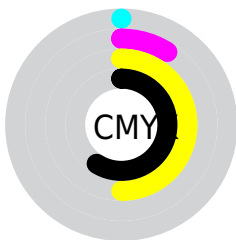
Distribution



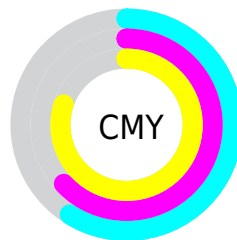
- Red (41%)
- Green (37%)
- Blue (20%)



- Red (25%)
- Yellow (41%)
- Blue (20%)



- Cyan (0%)
- Magenta (9%)
- Yellow (50%)
- Black (59%)



- Cyan (59%)
- Magenta (63%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 685F34 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 685F34 by changing the saturation by 10% instead.



685F34



685F34

FFFFFF



4F471E



9C9164



373107



B8AC7D



211C00



D4C797



000100



F0E3B2



000000



FFFCD



FFFEEA



685F34



685F34



685D2A



68613E

■ 685B1F

■ 686349

■ 685A15

■ 686453

■ 68580A

■ 68665E

■ 685600

■ 686868

■ 686A72

■ 686C7D

■ 686D87

■ 686F92

Harmonies

Analogous

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



7A5838



685F34



51653C

Triad

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



685F34



006977



7D5170

Complementary

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



685F34



343D68

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.



675881



685F34



1E6585

Square

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



685F34



156A63



475F89



874E5B

Rectangle

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



685F34



406847



475F89



775376

Sweetspot

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



685F34



878473



68343E



454338



C4C4C4



454545

Same Dimension

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



685F34



877936



586834



33322E



735F00



F2C800

Inverse Universe

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



343D68



364487



443468



2E2F33



001473



002AF2

Previews

White Background



This preview shows how the Hex color 685F34 looks on a white background.

Color Contrast Check

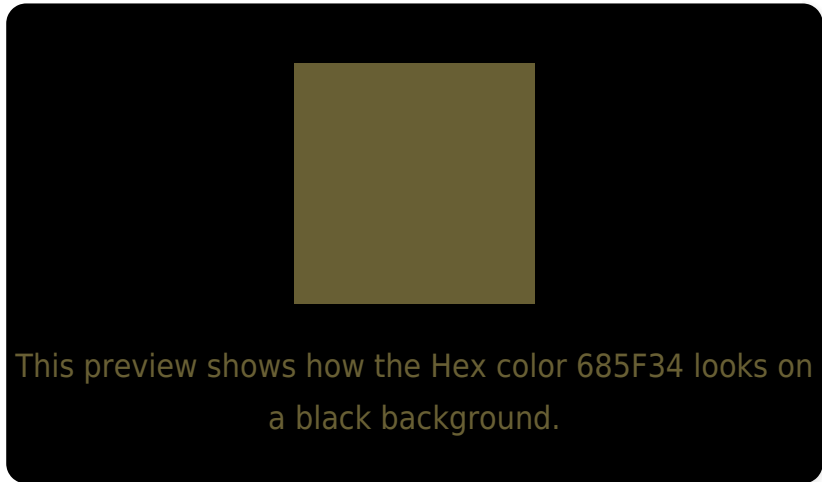
Large Text (above 18pt) WCAG AA ✓ Pass

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

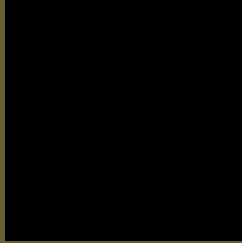
Any Text WCAG AA × Fail

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 685F34 Background



This preview shows how black text looks on a background with the Hex color 685F34.



This preview shows how white text looks on a background with the Hex color 685F34.

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
685F34

Protanopia
685F34

Deuteranopia
745A35



Tritanopia
6C5A61

Trichromacy



Original Color
685F34

Protanomaly
685F34

Deuteranomaly
705C35

Tritanomaly
6B5C51

Monochromacy



Original Color
685F34

Achromatopsia
5D5D5D

Achromatomaly
615E4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 685F34 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 #685F34 looks like.

```
.text, #text, p{  
    color:#685F34  
}
```

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 #685F34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685F34
}
```

Border

The CSS property to change the border of an element to Hex 685F34 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
#685F34 }
```

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

```
.border{ border-color:#685F34 }
```

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

Here you see how a box with a 4 pixel #685F34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685F34; -webkit-box-shadow:4px 4px  
4px 4px #685F34; box-shadow:4px 4px 4px  
4px #685F34 }
```

Background

The CSS property to change the background color of an element to Hex 685F34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685F34 }
```

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

```
.background{ background-color:#685F34 }
```

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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