

Converting Colors

Hex(685F2A)

Have a look what the booklet for
Hex(685F2A) contains.

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Color

Hex(685F2A)

Conversions

Conversions Part 1

Format	Color
Hex	685F2A
RGB	104, 95, 42
RGB Percent	41%, 37%, 16%
CMY	0.5922, 0.6275, 0.8353
CMYK	0.00, 0.09, 0.60, 0.59
HSL	51°, 42%, 29%
HSV	51°, 60%, 41%
XYZ	10.2190, 11.2946, 3.8320
YIQ	91.6490, 22.3770, -14.5750

Conversions

Conversions Part 2

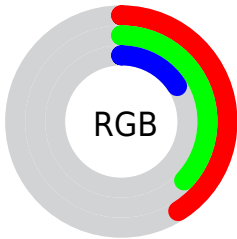
Format	Color
R_{YB}	53, 104, 42
Decimal	6840106
CIE Lab	40.07, -3.94, 31.13
CIE LCh	40, 31.383, 97.208
Yxy	11.2946, 0.4032, 0.4456
Android (android.graphics.Color)	4285030186 (0xFF685F2A)
YUV	91.6490, -24.4770, 10.8318
Hunter-Lab	33.6075, -4.5366, 16.7649

Details

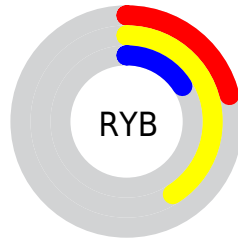
The Hex color **685F2A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2A3368**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **9D9159**, and **373100** is the 20% darker color. If you saturate the color by 10%, you get **685D20**, and if you desaturate by 10%, it is **686134**.

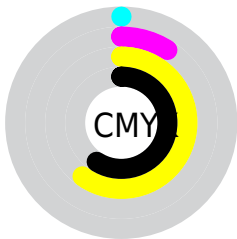
Distribution



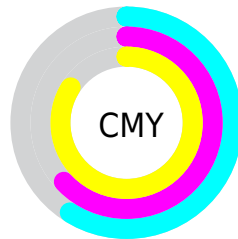
- Red (41%)
- Green (37%)
- Blue (16%)



- Red (21%)
- Yellow (41%)
- Blue (16%)



- Cyan (0%)
- Magenta (9%)
- Yellow (60%)
- Black (59%)



- Cyan (59%)
- Magenta (63%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 685F2A 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 685F2A by changing the saturation by 10% instead.



685F2A



685F2A

FFFFFF



4F4713



9D9159



373100



B8AC72



1F1C00



D5C78C



000000



F1E3A7



FFFFC2



FFFFDE



FFFFFB



685F2A



685F2A

■ 685D20

■ 686134

■ 685C15

■ 68623F

■ 685A0B

■ 686449

■ 685900

■ 686554

■ 68675E

■ 686868

■ 686A73

■ 686B7D

■ 686D88

Harmonies

Analogous

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



7E562F



685F2A



4D6634

Triad

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



685F2A



006B7D



834C73

Complementary

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



685F2A



2A3368

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.



695587



685F2A



00668D

Square

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



685F2A



006C64



3F5F91



8F4959

Rectangle

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



685F2A



376942



3F5F91



7C4F7B

Sweetspot

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



685F2A



87846F



682A33



454336



C4C4C4



454545

Same Dimension

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



685F2A



877926



52682A



33322E



736200



F2CF00

Inverse Universe

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



2A3368



263487



402A68



2E2F33



001173



0023F2

Previews

White Background



This preview shows how the Hex color 685F2A looks on a white background.

Color Contrast Check

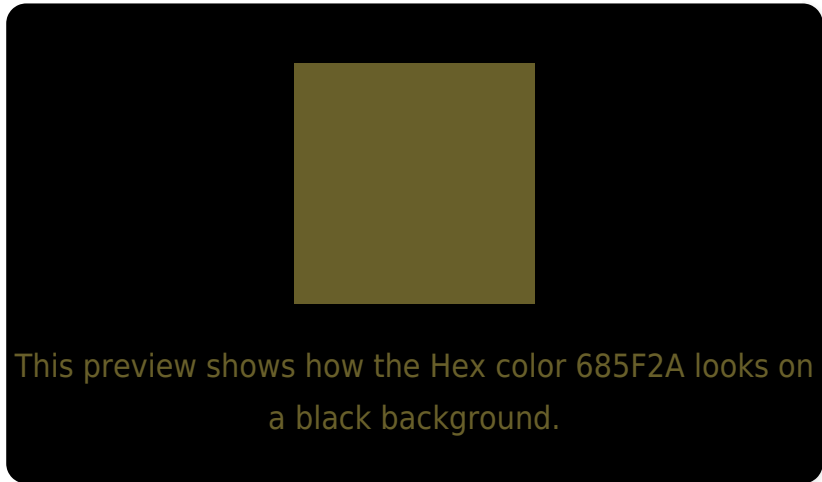
Large Text (above 18pt) WCAG AA ✓ Pass

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

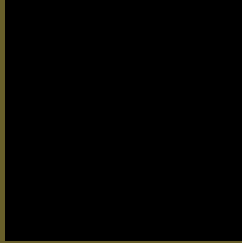
Any Text WCAG AA × Fail

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 685F2A Background



This preview shows how black text looks on a background with the Hex color 685F2A.



This preview shows how white text looks on a background with the Hex color 685F2A.

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
685F2A

Protanopia
695F2A

Deuteranopia
755A2B



Tritanopia
6D5960

Trichromacy



Original Color

685F2A

Protanomaly

695F2A

Deuteranomaly

705C2B

Tritanomaly

6B5B4C

Monochromacy



Original Color

685F2A

Achromatopsia

5C5C5C

Achromatomaly

605D4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 685F2A 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 #685F2A looks like.

```
.text, #text, p{  
    color:#685F2A  
}
```

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 #685F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685F2A
}
```

Border

The CSS property to change the border of an element to Hex 685F2A 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
#685F2A }
```

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

```
.border{ border-color:#685F2A }
```

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

Here you see how a box with a 4 pixel #685F2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685F2A; -webkit-box-shadow:4px 4px  
4px 4px #685F2A; box-shadow:4px 4px 4px  
4px #685F2A }
```

Background

The CSS property to change the background color of an element to Hex 685F2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685F2A }
```

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

```
.background{ background-color:#685F2A }
```

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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