

Converting Colors

Hex(685A02)

Have a look what the booklet for
Hex(685A02) contains.

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Color

Hex(685A02)

Conversions

Conversions Part 1

Format	Color
Hex	685A02
RGB	104, 90, 2
RGB Percent	41%, 35%, 1%
CMY	0.5922, 0.6471, 0.9922
CMYK	0.00, 0.13, 0.98, 0.59
HSL	52°, 96%, 21%
HSV	52°, 98%, 41%
XYZ	9.3760, 10.2598, 1.5436
YIQ	84.1540, 36.5920, -24.4000

Conversions

Conversions Part 2

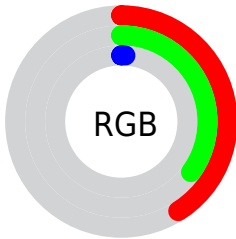
Format	Color
R_{YB}	18, 104, 2
Decimal	6838786
CIE Lab	38.30, -3.04, 45.22
CIE LCh	38, 45.326, 93.851
Yxy	10.2598, 0.4427, 0.4844
Android (android.graphics.Color)	4285028866 (0xFF685A02)
YUV	84.1540, -40.5019, 17.4049
Hunter-Lab	32.0309, -3.8037, 19.5644

Details

The Hex color **685A02** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **021068**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9E8C3A**, and **352D00** is the 20% darker color. If you saturate the color by 10%, you get **685A00**, and if you desaturate by 10%, it is **685B0C**.

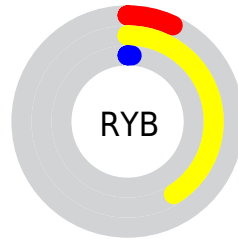
Distribution



Red (41%)

Green (35%)

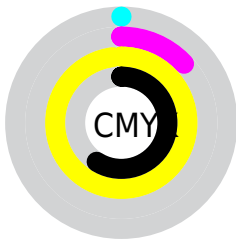
Blue (1%)



Red (7%)

Yellow (41%)

Blue (1%)

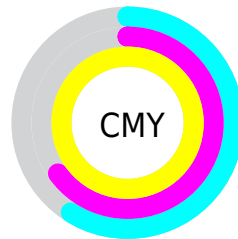


Cyan (0%)

Magenta (13%)

Yellow (98%)

Black (59%)



Cyan (59%)

Magenta (65%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 685A02 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 685A02 by changing the saturation by 10% instead.

 685A02

 685A02

 FFFFF6

 4E4300

 9E8C3A

 352D00

 BBA653

 1C1900

 D7C16C

 000000

 F5DD86

 FFF9A1

 FFFFBD

 FFFF9D

 685A02

 685A02

■ 685A00

■ 685B0C

■ 685D17

■ 685E21

■ 68602C

■ 686136

■ 686340

■ 68644B

■ 686555

■ 686760

Harmonies

Analogous

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



854C15



685A02



426416

Triad

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



685A02



006B82



8A3E7B

Complementary

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



685A02



021068

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.



614E98



685A02



00669C

Square

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



685A02



006B5E



005DA4



9B3557

Rectangle

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



685A02



1C682C



005DA4



7F4386

Sweetspot

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



685A02



878260



680211



45422D



C4C4C4



454545

Same Dimension

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



685A02



877500



446802



33322E



736300



F2D100

Inverse Universe

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



021068



001387



260268



2E2F33



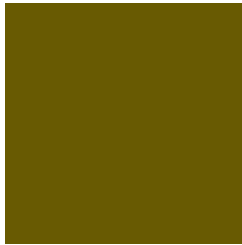
001073



0021F2

Previews

White Background



This preview shows how the Hex color 685A02 looks on a white background.

Color Contrast Check

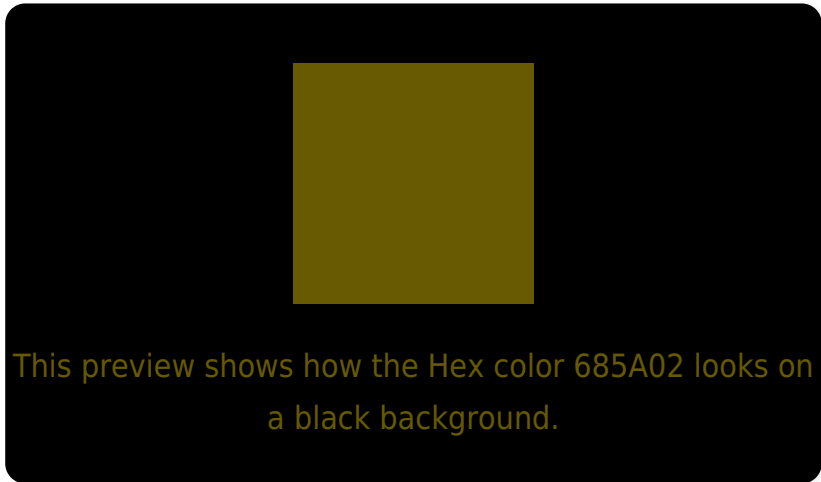
Large Text (above 18pt) WCAG AA ✓ Pass

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

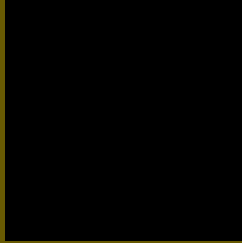
Any Text WCAG AA × Fail

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 685A02 Background



This preview shows how black text looks on a background with the Hex color 685A02.



This preview shows how white text looks on a background with the Hex color 685A02.

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
685A02

Protanopia
665B03

Deuteranopia
72560B



Tritanopia
6D545A

Trichromacy



Original Color
685A02

Protanomaly
675B03

Deuteranomaly
6E5708

Tritanomaly
6B563A

Monochromacy



Original Color
685A02

Achromatopsia
545454

Achromatomaly
5B5636

CSS Examples

Text

The CSS property to change the color of the text to Hex 685A02 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 #685A02 looks like.

```
.text, #text, p{  
    color:#685A02  
}
```

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 #685A02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685A02
}
```

Border

The CSS property to change the border of an element to Hex 685A02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

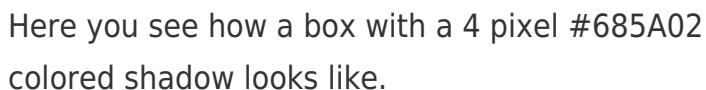
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#685A02 }
```

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

```
.border{ border-color:#685A02 }
```

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



Here you see how a box with a 4 pixel #685A02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685A02; -webkit-box-shadow:4px 4px  
4px 4px #685A02; box-shadow:4px 4px 4px  
4px #685A02 }
```

Background

The CSS property to change the background color of an element to Hex 685A02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685A02 }
```

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

```
.background{ background-color:#685A02 }
```

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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