

# Converting Colors

Hex(685021)

Have a look what the booklet for  
Hex(685021) contains.

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**Color**

**Hex(685021)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	685021
RGB	104, 80, 33
RGB Percent	41%, 31%, 13%
CMY	0.5922, 0.6863, 0.8706
CMYK	0.00, 0.23, 0.68, 0.59
HSL	40°, 52%, 27%
HSV	40°, 68%, 41%
XYZ	8.8521, 8.7902, 2.6690
YIQ	81.8180, 29.3910, -9.5290

# Conversions

## Conversions Part 2

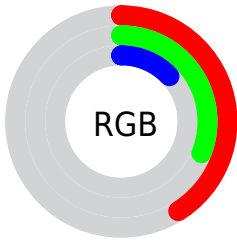
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 104, 33
Decimal	6836257
CIELab	35.58, 4.33, 30.83
CIElCh	36, 31.131, 82.012
Yxy	8.7902, 0.4358, 0.4328
Android (android.graphics.Color)	4285026337 (0xFF685021)
YUV	81.8180, -24.0673, 19.4536
Hunter-Lab	29.6482, 1.4104, 15.4164

# Details

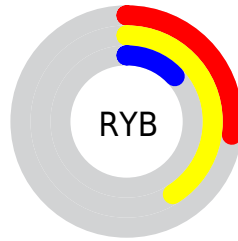
The Hex color **685021** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **213968**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9D814F**, and **362400** is the 20% darker color. If you saturate the color by 10%, you get **684C17**, and if you desaturate by 10%, it is **68542B**.

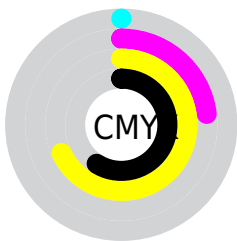
# Distribution



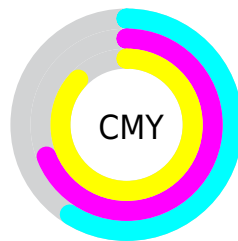
- Red (41%)
- Green (31%)
- Blue (13%)



- Red (27%)
- Yellow (41%)
- Blue (13%)



- Cyan (0%)
- Magenta (23%)
- Yellow (68%)
- Black (59%)



- Cyan (59%)
- Magenta (69%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 685021 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 685021 by changing the saturation by 10% instead.





685021



685021

FFFFFF



4E390A



9D814F



362400



B99B68



1E0F00



D6B682



000000



F3D19C



FFEEB7



FFFFD3



FFFFEF



685021



685021

■ 684C17

■ 68542B

■ 68490C

■ 685736

■ 684502

■ 685B40

■ 684500

■ 685E4B

■ 686255

■ 68655F

■ 68696A

■ 686C74

■ 68707F

# Harmonies

## Analogous

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



7A472D



685021



505823

# Triad

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



685021



006066



6C4673

# Complementary

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



685021



213968

# 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.



4B5082



685021



005E7A

# Square

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



685021



00604C



0C5885



7E3F5B

# Rectangle

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



685021



3D5C2D



0C5885



634979



# Sweetspot

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



685021



877E6C



68213A



453F34



C4C4C4



454545



# Same Dimension

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



685021



876218



5D6821



33312E



734C00



F2A000



# Inverse Universe

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



213968



183E87



2C2168



2E3033



002773



0052F2



# Previews

## White Background



This preview shows how the Hex color 685021 looks on a white background.

## Color Contrast Check

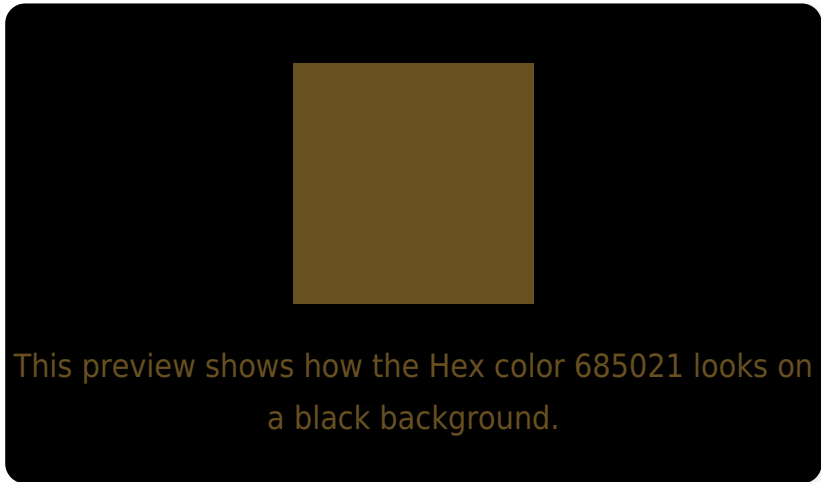
Large Text (above 18pt) WCAG AA ✓ Pass

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

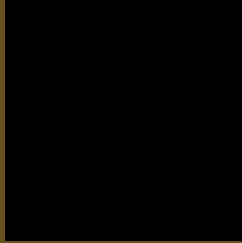
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 685021 Background



This preview shows how black text looks on a background with the Hex color 685021.



This preview shows how white text looks on a background with the Hex color 685021.

# 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](#).

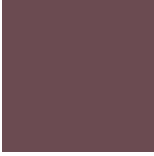
## Dichromacy



**Original Color**  
685021

**Protanopia**  
5D5422

**Deuteranopia**  
685021



**Tritanopia**  
6B4B51

# Trichromacy



**Original Color**  
685021

**Protanomaly**  
615322

**Deuteranomaly**  
685021

**Tritanomaly**  
6A4D40

# Monochromacy



**Original Color**  
685021

**Achromatopsia**  
525252

**Achromatomaly**  
5A5140

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 685021 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 #685021 looks like.

```
.text, #text, p{  
    color:#685021  
}
```

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 #685021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685021
}
```

## Border

The CSS property to change the border of an element to Hex 685021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

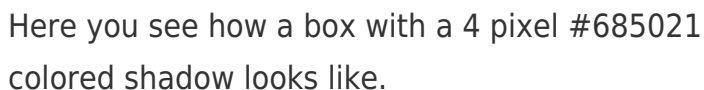
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#685021 }
```

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

```
.border{ border-color:#685021 }
```

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



Here you see how a box with a 4 pixel #685021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685021; -webkit-box-shadow:4px 4px  
4px 4px #685021; box-shadow:4px 4px 4px  
4px #685021 }
```

# Background

The CSS property to change the background color of an element to Hex 685021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685021 }
```

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

```
.background{ background-color:#685021 }
```

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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