

# Converting Colors

Hex(695033)

Have a look what the booklet for  
Hex(695033) contains.

<b>Hex(695033)</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(695033)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	695033
RGB	105, 80, 51
RGB Percent	41%, 31%, 20%
CMY	0.5882, 0.6863, 0.8000
CMYK	0.00, 0.24, 0.51, 0.59
HSL	32°, 35%, 31%
HSV	32°, 51%, 41%
XYZ	9.2919, 8.9796, 4.3755
YIQ	84.1690, 24.2090, -3.7190

# Conversions

## Conversions Part 2

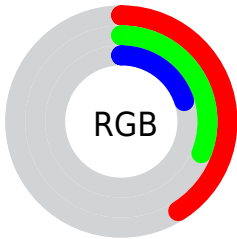
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 105, 51
Decimal	6901811
CIELab	35.94, 6.43, 21.06
CIElCh	36, 22.017, 73.010
Yxy	8.9796, 0.4103, 0.3965
Android (android.graphics.Color)	4285091891 (0xFF695033)
YUV	84.1690, -16.3523, 18.2688
Hunter-Lab	29.9660, 2.9091, 12.3190

# Details

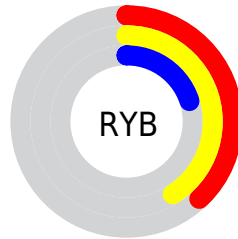
The Hex color **695033** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **334C69**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **9E8162**, and **382406** is the 20% darker color. If you saturate the color by 10%, you get **694B29**, and if you desaturate by 10%, it is **69553E**.

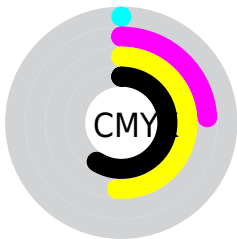
# Distribution



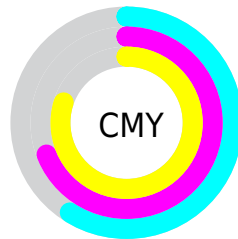
- Red (41%)
- Green (31%)
- Blue (20%)



- Red (38%)
- Yellow (41%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (51%)
- Black (59%)



- Cyan (59%)
- Magenta (69%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 695033 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 695033 by changing the saturation by 10% instead.



 695033

 695033

FFFFFF

 50391D

 9E8162

 382406

 B99B7B

 210F00

 D5B695

 000000

 F2D2B0

 FFE ECB

 FFFFE7

 695033

 695033

 694B29

 69553E

■ 69461E

■ 695A48

■ 694114

■ 695F53

■ 693D09

■ 69635D

■ 693800

■ 696868

■ 696D72

■ 69727D

■ 697787

■ 697C92

# Harmonies

## Analogous

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



744A3D



695033



595632

# Triad

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



695033



185E5C



604D6E

# Complementary

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



695033



334C69

# 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.



485477



695033



115D6C

# Square

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



695033



2F5D4A



2A5976



71485F

# Rectangle

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



695033



4C5936



2A5976



594F72



# Sweetspot

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



695033



8A8075



69334C



453F38



C4C4C4



454545



# Same Dimension

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



695033



8A6234



676933



363330



753F00



F58300



# Inverse Universe

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



334C69



345C8A



353369



303336



003675

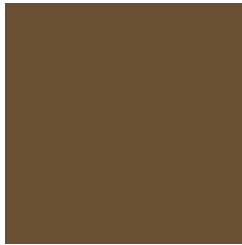


0071F5



# Previews

## White Background



This preview shows how the Hex color 695033 looks on a white background.

## Color Contrast Check

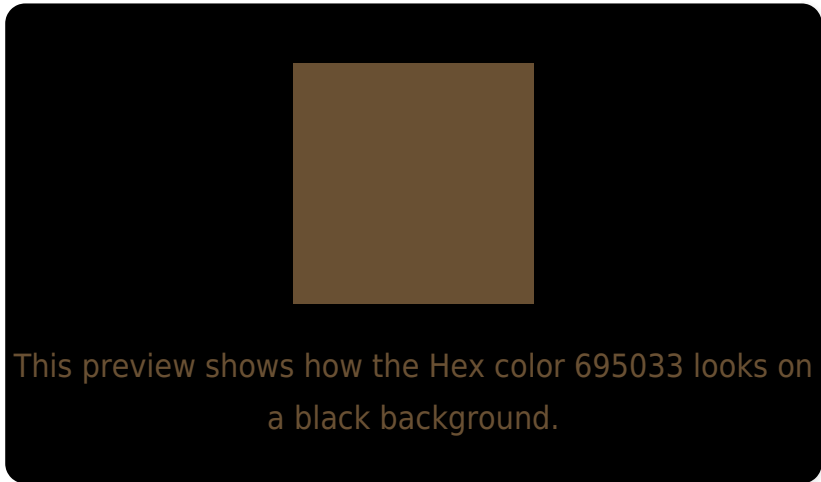
Large Text (above 18pt) WCAG AA ✓ Pass

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 695033 Background



This preview shows how black text looks on a background with the Hex color 695033.



This preview shows how white text looks on a background with the Hex color 695033.

# 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**  
695033

**Protanopia**  
5C5535

**Deuteranopia**  
675133



**Tritanopia**  
6C4C52

# Trichromacy



**Original Color**  
695033

**Protanomaly**  
615334

**Deuteranomaly**  
685133

**Tritanomaly**  
6B4D47

# Monochromacy



**Original Color**  
695033

**Achromatopsia**  
545454

**Achromatomaly**  
5C5348

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 695033 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 #695033 looks like.

```
.text, #text, p{  
    color:#695033  
}
```

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 #695033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #695033
}
```

## Border

The CSS property to change the border of an element to Hex 695033 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
#695033 }
```

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

```
.border{ border-color:#695033 }
```

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

Here you see how a box with a 4 pixel #695033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #695033; -webkit-box-shadow:4px 4px  
4px 4px #695033; box-shadow:4px 4px 4px  
4px #695033 }
```

# Background

The CSS property to change the background color of an element to Hex 695033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#695033 }
```

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

```
.background{ background-color:#695033 }
```

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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