

# Converting Colors

Hex(693115)

Have a look what the booklet for  
Hex(693115) contains.

<b>Hex(693115)</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(693115)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	693115
RGB	105, 49, 21
RGB Percent	41%, 19%, 8%
CMY	0.5882, 0.8078, 0.9176
CMYK	0.00, 0.53, 0.80, 0.59
HSL	20°, 67%, 25%
HSV	20°, 80%, 41%
XYZ	7.0594, 5.2540, 1.3515
YIQ	62.5520, 42.3640, 3.1640

# Conversions

## Conversions Part 2

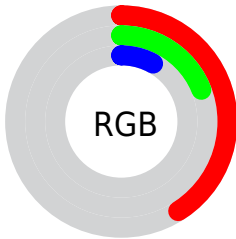
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 63, 21
Decimal	6893845
CIE Lab	27.45, 22.90, 28.60
CIE LCh	27, 36.641, 51.311
Yxy	5.2540, 0.5166, 0.3845
Android (android.graphics.Color)	4285083925 (0xFF693115)
YUV	62.5520, -20.4851, 37.2269
Hunter-Lab	22.9217, 14.8612, 12.5493

# Details

The Hex color **693115** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **154D69**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A16041**, and **340500** is the 20% darker color. If you saturate the color by 10%, you get **692A0A**, and if you desaturate by 10%, it is **693820**.

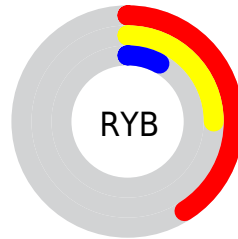
# Distribution



Red (41%)

Green (19%)

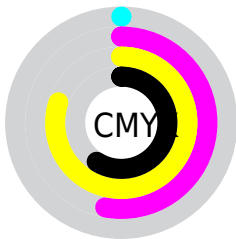
Blue (8%)



Red (41%)

Yellow (25%)

Blue (8%)

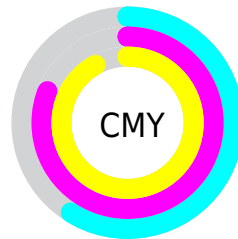


Cyan (0%)

Magenta (53%)

Yellow (80%)

Black (59%)



Cyan (59%)

Magenta (81%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 693115 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 693115 by changing the saturation by 10% instead.



 693115

 693115

 FFFFFFFA

 4F1B00

 A16041

 340500

 BD7A59

 180001

 DA9472

 000000

 F8AE8C

 FFCAA6

 FFE6C1

 FFFFDD

 693115

 693115

■ 692A0A

■ 693820

■ 692300

■ 693F2A

■ 694635

■ 694D3F

■ 69544A

■ 695B54

■ 69625F

■ 696969

■ 697074

# Harmonies

## Analogous

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



73272E



693115



563D02

# Triad

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



693115



004D37



303D75

# Complementary

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



693115



154D69

# 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.



004678



693115



004E54

# Square

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



693115



164B1B



004C6C



5B3064

# Rectangle

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



693115



454301



004C6C



164178



# Sweetspot

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



693115



8A7469



69154D



453831



C4C4C4



454545



# Same Dimension

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



693115



8A3206



695B15



363230



752700



F55200



# Inverse Universe

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



154D69



065E8A



152369



303436



004E75



00A3F5



# Previews

## White Background



This preview shows how the Hex color 693115 looks on a white background.

## Color Contrast Check

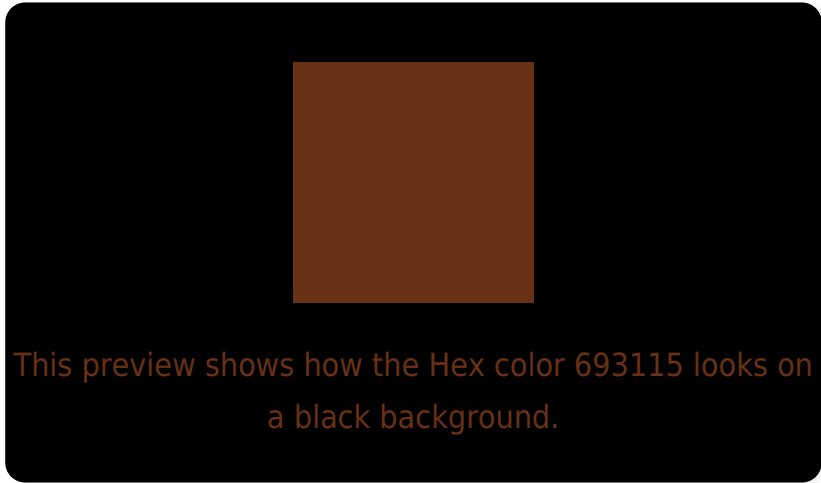
Large Text (above 18pt) WCAG AA ✓ Pass

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 693115 Background



This preview shows how black text looks on a background with the Hex color 693115.



This preview shows how white text looks on a background with the Hex color 693115.

# 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**  
693115

**Protanopia**  
49421A

**Deuteranopia**  
533E10



**Tritanopia**  
6A2E31

# Trichromacy



**Original Color**  
693115

**Protanomaly**  
553C18

**Deuteranomaly**  
5B3912

**Tritanomaly**  
6A2F27

# Monochromacy



**Original Color**  
693115

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
4E3A30

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 693115 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 #693115 looks like.

```
.text, #text, p{  
    color:#693115  
}
```

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 #693115 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #693115
}
```

## Border

The CSS property to change the border of an element to Hex 693115 is called "border". The border property can be set on classes, ids or directly on the HTML element.

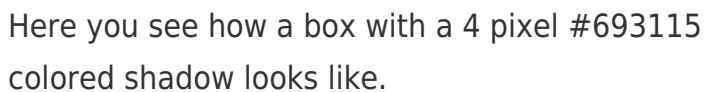
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#693115 }
```

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

```
.border{ border-color:#693115 }
```

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



Here you see how a box with a 4 pixel #693115 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #693115; -webkit-box-shadow:4px 4px  
4px 4px #693115; box-shadow:4px 4px 4px  
4px #693115 }
```

# Background

The CSS property to change the background color of an element to Hex 693115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#693115 }
```

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

```
.background{ background-color:#693115 }
```

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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