

# Converting Colors

Hex(693B50)

Have a look what the booklet for  
Hex(693B50) contains.

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# Color

**Hex(693B50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	693B50
RGB	105, 59, 80
RGB Percent	41%, 23%, 31%
CMY	0.5882, 0.7686, 0.6863
CMYK	0.00, 0.44, 0.24, 0.59
HSL	333°, 28%, 32%
HSV	333°, 44%, 41%
XYZ	8.8376, 6.7104, 8.4189
YIQ	75.1480, 20.6750, 16.2830

# Conversions

## Conversions Part 2

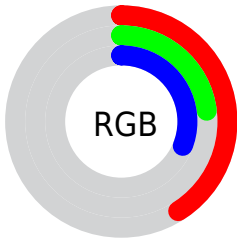
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 59, 80
Decimal	6896464
CIELab	31.14, 23.34, -3.93
CIELCh	31, 23.665, 350.437
Yxy	6.7104, 0.3687, 0.2800
Android (android.graphics.Color)	4285086544 (0xFF693B50)
YUV	75.1480, 2.3920, 26.1802
Hunter-Lab	25.9044, 15.5650, -1.1360

# Details

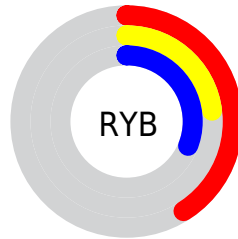
The Hex color **693B50** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B6954**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9D6B81**, and **380E24** is the 20% darker color. If you saturate the color by 10%, you get **69314A**, and if you desaturate by 10%, it is **694656**.

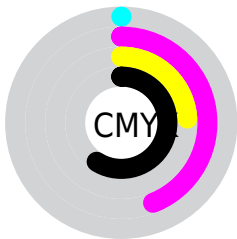
# Distribution



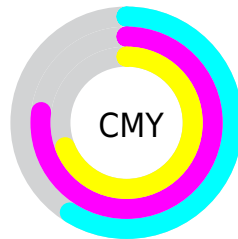
- Red (41%)
- Green (23%)
- Blue (31%)



- Red (41%)
- Yellow (23%)
- Blue (31%)



- Cyan (0%)
- Magenta (44%)
- Yellow (24%)
- Black (59%)



- Cyan (59%)
- Magenta (77%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 693B50 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 693B50 by changing the saturation by 10% instead.



 693B50

 693B50

FFFFFF

 502439

 9D6B81

 380E24

 B9859B

 25000E

 D59FB6

 000000

 F2BAD2

 FFD6EE

 FFF3FF

 693B50

 693B50

 69314A

 694656

692645

69505B

691C3F

695B61

691139

696567

690733

69706D

690030

697A72

698478

698F7E

699A83

# Harmonies

## Analogous

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



5B4061



693B50



6D3B3D

# Triad

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



693B50



484C26



005165

# Complementary

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



693B50



3B6954

# 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.



005356



693B50



335031

# Square

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



693B50



5A4624



175343



204D6D

# Rectangle

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



693B50



6A3E32



175343



005261



# Sweetspot

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



693B50



8A7880



543B69



453A3F



C4C4C4



454545



# Same Dimension

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



693B50



8A4162



693D3B



363033



750036



F50070



# Inverse Universe

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



693B50



8A4162



3B6769



363033



750036

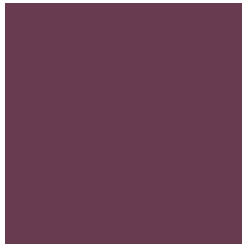


F50070



# Previews

## White Background



This preview shows how the Hex color 693B50 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

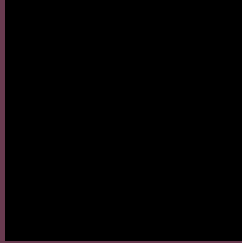
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 693B50 Background



This preview shows how black text looks on a background with the Hex color 693B50.



This preview shows how white text looks on a background with the Hex color 693B50.

# 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**  
693B50

**Protanopia**  
464959

**Deuteranopia**  
4F484E



**Tritanopia**  
683E42

# Trichromacy



**Original Color**

693B50

**Protanomaly**

534456

**Deuteranomaly**

58434F

**Tritanomaly**

683D47

# Monochromacy



**Original Color**

693B50

**Achromatopsia**

4B4B4B

**Achromatomaly**

56454D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 693B50 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 #693B50 looks like.

```
.text, #text, p{  
    color:#693B50  
}
```

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 #693B50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #693B50
}
```

## Border

The CSS property to change the border of an element to Hex 693B50 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
#693B50 }
```

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

```
.border{ border-color:#693B50 }
```

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

Here you see how a box with a 4 pixel #693B50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #693B50; -webkit-box-shadow:4px 4px  
4px 4px #693B50; box-shadow:4px 4px 4px  
4px #693B50 }
```

# Background

The CSS property to change the background color of an element to Hex 693B50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#693B50 }
```

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

```
.background{ background-color:#693B50 }
```

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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