

# Converting Colors

Hex(695A3D)

Have a look what the booklet for  
Hex(695A3D) contains.

<b>Hex(695A3D)</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(695A3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	695A3D
RGB	105, 90, 61
RGB Percent	41%, 35%, 24%
CMY	0.5882, 0.6471, 0.7608
CMYK	0.00, 0.14, 0.42, 0.59
HSL	40°, 27%, 33%
HSV	40°, 42%, 41%
XYZ	10.3242, 10.6525, 5.9269
YIQ	91.1790, 18.2490, -5.8390

# Conversions

## Conversions Part 2

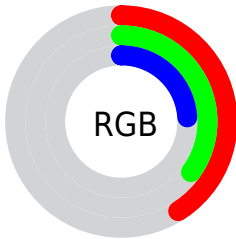
Format	Color
R <sub>Y</sub> B	84, 105, 61
Decimal	6904381
CIE Lab	38.99, 1.54, 19.01
CIE LCh	39, 19.074, 85.354
Yxy	10.6525, 0.3837, 0.3960
Android (android.graphics.Color)	4285094461 (0xFF695A3D)
YUV	91.1790, -14.8782, 12.1210
Hunter-Lab	32.6382, -0.6534, 12.0801

# Details

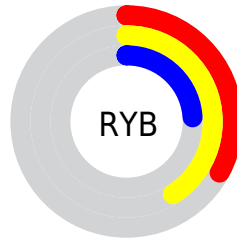
The Hex color **695A3D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D4C69**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9D8C6D**, and **382D12** is the 20% darker color. If you saturate the color by 10%, you get **695633**, and if you desaturate by 10%, it is **695E48**.

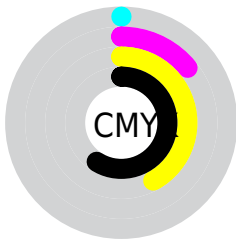
# Distribution



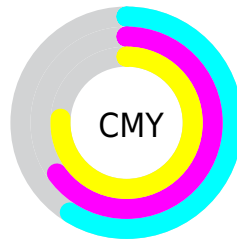
- Red (41%)
- Green (35%)
- Blue (24%)



- Red (33%)
- Yellow (41%)
- Blue (24%)



- Cyan (0%)
- Magenta (14%)
- Yellow (42%)
- Black (59%)



- Cyan (59%)
- Magenta (65%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 695A3D 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 695A3D by changing the saturation by 10% instead.



 695A3D

 695A3D

FFFFFF

 504327


 9D8C6D

 382D12

 B8A686

 231800

 D4C1A0

 000000

 F1DDBC

 FFFAD7

 FFFFF4

 695A3D

 695A3D

 695633

 695E48

■ 695328

■ 696152

■ 694F1E

■ 69655D

■ 694C13

■ 696867

■ 694809

■ 696C72

■ 694500

■ 696F7C

■ 697387

■ 697791

■ 697A9C

# Harmonies

## Analogous

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



755543



695A3D



595F40

# Triad

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



695A3D



2B6469



6D546E

# Complementary

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



695A3D



3D4C69

# 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.



5B5978



695A3D



306275

# Square

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



695A3D



366459



445E7A



78505F

# Rectangle

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



695A3D



4D6146



445E7A



685572



# Sweetspot

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



695A3D



8A8478



693D4C



45413A



C4C4C4



454545



# Same Dimension

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



695A3D



8A7245



62693D



363430



754D00



F5A100



# Inverse Universe

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



3D4C69



455C8A



443D69



303236



002875



0053F5



# Previews

## White Background



This preview shows how the Hex color 695A3D looks on a white background.

## Color Contrast Check

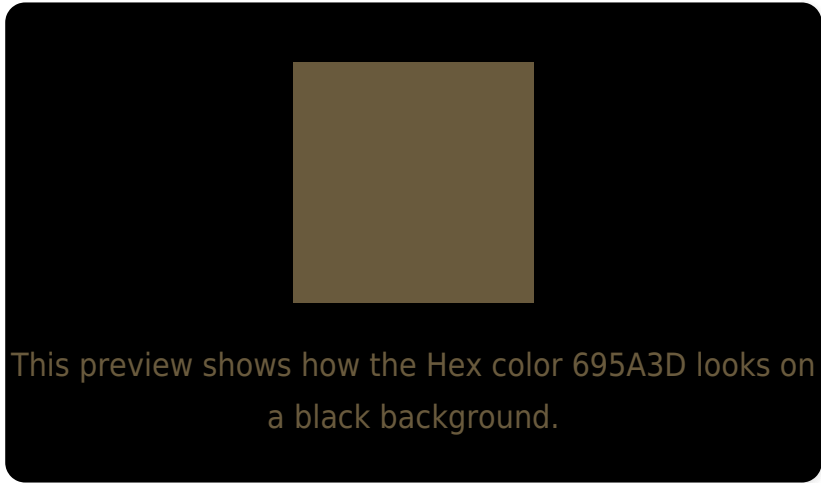
Large Text (above 18pt) WCAG AA ✓ Pass

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 695A3D Background



This preview shows how black text looks on a background with the Hex color 695A3D.



This preview shows how white text looks on a background with the Hex color 695A3D.

# 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**


695A3D

**Protanopia**

645C3E

**Deuteranopia**

6E583D



**Tritanopia**  
6C565D

# Trichromacy



**Original Color**  
695A3D

**Protanomaly**  
665B3E

**Deuteranomaly**  
6C593D

**Tritanomaly**  
6B5751

# Monochromacy



**Original Color**  
695A3D

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
605B50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 695A3D 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 #695A3D looks like.

```
.text, #text, p{  
    color:#695A3D  
}
```

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 #695A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #695A3D
}
```

## Border

The CSS property to change the border of an element to Hex 695A3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

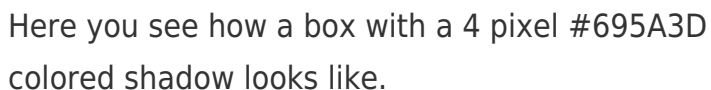
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#695A3D }
```

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

```
.border{ border-color:#695A3D }
```

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



Here you see how a box with a 4 pixel #695A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #695A3D; -webkit-box-shadow:4px 4px  
4px 4px #695A3D; box-shadow:4px 4px 4px  
4px #695A3D }
```

# Background

The CSS property to change the background color of an element to Hex 695A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#695A3D }
```

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

```
.background{ background-color:#695A3D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor