

# Converting Colors

Hex(695F2D)

Have a look what the booklet for  
Hex(695F2D) contains.

<b>Hex(695F2D)</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(695F2D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	695F2D
RGB	105, 95, 45
RGB Percent	41%, 37%, 18%
CMY	0.5882, 0.6275, 0.8235
CMYK	0.00, 0.10, 0.57, 0.59
HSL	50°, 40%, 29%
HSV	50°, 57%, 41%
XYZ	10.3916, 11.3771, 4.1309
YIQ	92.2900, 22.0100, -13.4300

# Conversions

## Conversions Part 2

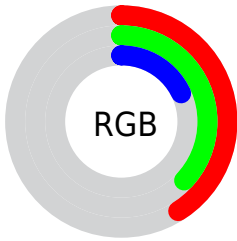
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 105, 45
Decimal	6905645
CIELab	40.21, -3.19, 29.71
CIELCh	40, 29.879, 96.137
Yxy	11.3771, 0.4012, 0.4393
Android (android.graphics.Color)	4285095725 (0xFF695F2D)
YUV	92.2900, -23.3140, 11.1467
Hunter-Lab	33.7300, -4.0351, 16.3497

# Details

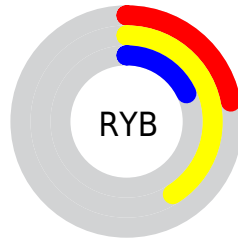
The Hex color **695F2D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D3769**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9E915C**, and **383100** is the 20% darker color. If you saturate the color by 10%, you get **695D23**, and if you desaturate by 10%, it is **696138**.

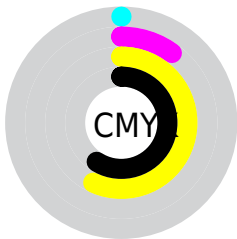
# Distribution



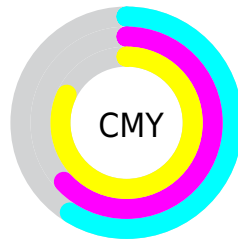
- Red (41%)
- Green (37%)
- Blue (18%)



- Red (22%)
- Yellow (41%)
- Blue (18%)



- Cyan (0%)
- Magenta (10%)
- Yellow (57%)
- Black (59%)



- Cyan (59%)
- Magenta (63%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 695F2D 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 695F2D by changing the saturation by 10% instead.



 695F2D

 695F2D

FFFFFF

 504716

 9E915C

 383100

 B9AC75

 211C00

 D5C78F

 000100

 F2E3AA

 000000

 FFFFC6

 FFFFE2

 695F2D

 695F2D

 695D23

 696138

■ 695C18

■ 696242

■ 695A0D

■ 69644D

■ 695803

■ 696657

■ 695800

■ 696862

■ 696A6C

■ 696B76

■ 696D81

■ 696F8C

# Harmonies

## Analogous

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



7E5632



695F2D



4F6636

# Triad

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



695F2D



006A7B



814E73

# Complementary

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



695F2D



2D3769

# 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.



685686



695F2D



00678B

# Square

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



695F2D



006B63



40608F



8D4B5B

# Rectangle

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



695F2D



3B6943



40608F



7A517A



# Sweetspot

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



695F2D



8A8672



692D37



454337



C4C4C4



454545



# Same Dimension

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



695F2D



8A7A2B



55692D



363530



756200



F5CC00



# Inverse Universe

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



2D3769



2B3B8A



412D69



303136



001475



0029F5



# Previews

## White Background



This preview shows how the Hex color 695F2D looks on a white background.

## Color Contrast Check

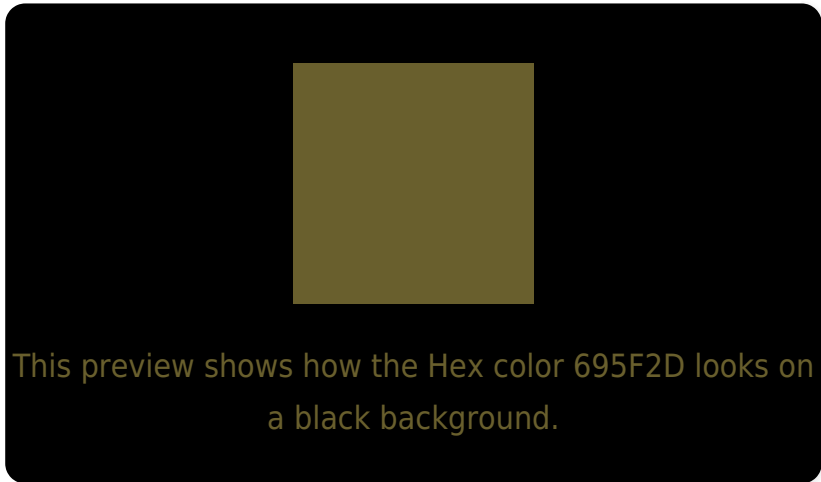
Large Text (above 18pt) WCAG AA ✓ Pass

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

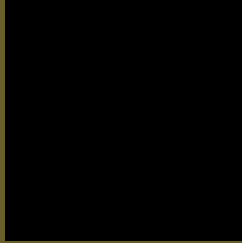
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 695F2D Background



This preview shows how black text looks on a background with the Hex color 695F2D.



This preview shows how white text looks on a background with the Hex color 695F2D.

# 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**  
695F2D

**Protanopia**  
695F2D

**Deuteranopia**  
755A2E



**Tritanopia**  
6E5960

# Trichromacy



**Original Color**  
695F2D

**Protanomaly**  
695F2D

**Deuteranomaly**  
715C2E

**Tritanomaly**  
6C5B4D

# Monochromacy



**Original Color**  
695F2D

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
615D4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 695F2D 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 #695F2D looks like.

```
.text, #text, p{  
    color:#695F2D  
}
```

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 #695F2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #695F2D
}
```

## Border

The CSS property to change the border of an element to Hex 695F2D 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
#695F2D }
```

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

```
.border{ border-color:#695F2D }
```

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

Here you see how a box with a 4 pixel #695F2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #695F2D; -webkit-box-shadow:4px 4px  
4px 4px #695F2D; box-shadow:4px 4px 4px  
4px #695F2D }
```

# Background

The CSS property to change the background color of an element to Hex 695F2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#695F2D }
```

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

```
.background{ background-color:#695F2D }
```

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