

# Converting Colors

Hex(693F09)

Have a look what the booklet for  
Hex(693F09) contains.

<b>Hex(693F09)</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(693F09)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	693F09
RGB	105, 63, 9
RGB Percent	41%, 25%, 4%
CMY	0.5882, 0.7529, 0.9647
CMYK	0.00, 0.40, 0.91, 0.59
HSL	34°, 84%, 22%
HSV	34°, 91%, 41%
XYZ	7.6525, 6.5780, 1.1248
YIQ	69.4020, 42.3660, -7.8900

# Conversions

## Conversions Part 2

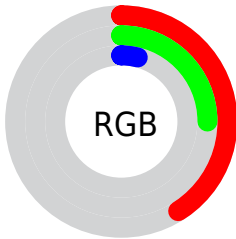
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 105, 9
Decimal	6897417
CIELab	30.83, 14.07, 37.18
CIElCh	31, 39.749, 69.276
Yxy	6.5780, 0.4984, 0.4284
Android (android.graphics.Color)	4285087497 (0xFF693F09)
YUV	69.4020, -29.7782, 31.2194
Hunter-Lab	25.6476, 8.3760, 15.3531

# Details

The Hex color **693F09** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **093369**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A06F39**, and **341400** is the 20% darker color. If you saturate the color by 10%, you get **693B00**, and if you desaturate by 10%, it is **694414**.

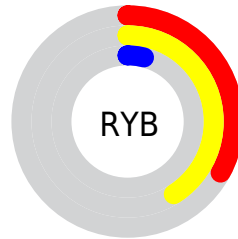
# Distribution



Red (41%)

Green (25%)

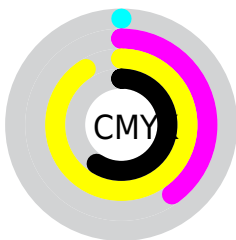
Blue (4%)



Red (33%)

Yellow (41%)

Blue (4%)

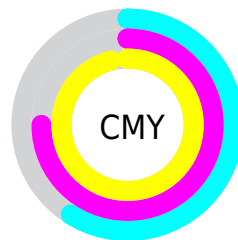


Cyan (0%)

Magenta (40%)

Yellow (91%)

Black (59%)



Cyan (59%)

Magenta (75%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 693F09 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 693F09 by changing the saturation by 10% instead.



 693F09

 693F09

 FFFFF2

 4F2900

 A06F39

 341400

 BD8851

 1D0000

 DAA26A

 000000

 F8BD84

 FFD99E

 FFF6B9

 FFFFD5

 693F09

 693F09

■ 693B00

■ 694414

■ 69481E

■ 694D28

■ 695133

■ 69563D

■ 695B48

■ 695F52

■ 69645D

■ 696867

# Harmonies

## Analogous

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



7B3223



693F09



4F4A00

# Triad

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



693F09



005752



563C79

# Complementary

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



693F09



093369

# 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.



0E4986



693F09



00566F

# Square

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



693F09



005631



005283



752E5F

# Rectangle

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



693F09



3A500B



005283



46417F



# Sweetspot

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



693F09



8A7965



690934



453B2F



C4C4C4



454545



# Same Dimension

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



693F09



8A4D00



646909



363330



754200



F58A00



# Inverse Universe

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



093369



003C8A



0E0969



303336



003375

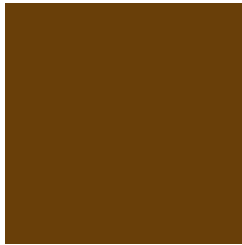


006BF5



# Previews

## White Background



This preview shows how the Hex color 693F09 looks on a white background.

## Color Contrast Check

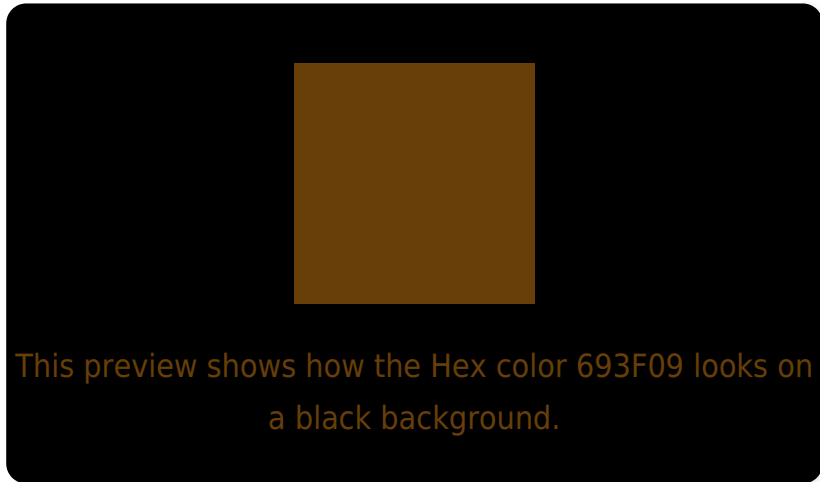
Large Text (above 18pt) WCAG AA ✓ Pass

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

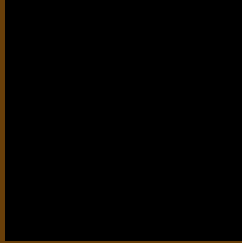
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 693F09 Background



This preview shows how black text looks on a background with the Hex color 693F09.



This preview shows how white text looks on a background with the Hex color 693F09.

# 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](#).

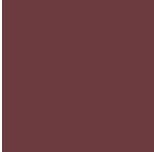
## Dichromacy



**Original Color**  
693F09

**Protanopia**  
52490C

**Deuteranopia**  
5D4500



**Tritanopia**  
6B3B3F

# Trichromacy



**Original Color**  
693F09

**Protanomaly**  
5A450B

**Deuteranomaly**  
614303

**Tritanomaly**  
6A3C2B

# Monochromacy



**Original Color**  
693F09

**Achromatopsia**  
454545

**Achromatomaly**  
52432F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 693F09 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 #693F09 looks like.

```
.text, #text, p{  
    color:#693F09  
}
```

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 #693F09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #693F09
}
```

## Border

The CSS property to change the border of an element to Hex 693F09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

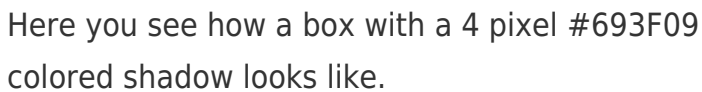
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#693F09 }
```

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

```
.border{ border-color:#693F09 }
```

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



Here you see how a box with a 4 pixel #693F09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #693F09; -webkit-box-shadow:4px 4px  
4px 4px #693F09; box-shadow:4px 4px 4px  
4px #693F09 }
```

# Background

The CSS property to change the background color of an element to Hex 693F09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#693F09 }
```

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

```
.background{ background-color:#693F09 }
```

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