

# Converting Colors

Hex(695914)

Have a look what the booklet for  
Hex(695914) contains.

<b>Hex(695914)</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(695914)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	695914
RGB	105, 89, 20
RGB Percent	41%, 35%, 8%
CMY	0.5882, 0.6510, 0.9216
CMYK	0.00, 0.15, 0.81, 0.59
HSL	49°, 68%, 25%
HSV	49°, 81%, 41%
XYZ	9.5243, 10.1985, 2.1283
YIQ	85.9180, 31.6850, -18.0670

# Conversions

## Conversions Part 2

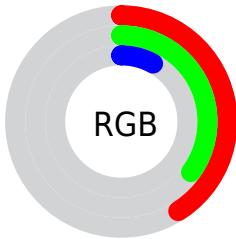
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 105, 20
Decimal	6904084
CIELab	38.20, -1.37, 39.57
CIELCh	38, 39.590, 91.977
Yxy	10.1985, 0.4359, 0.4667
Android (android.graphics.Color)	4285094164 (0xFF695914)
YUV	85.9180, -32.4976, 16.7349
Hunter-Lab	31.9351, -2.6506, 18.4032

# Details

The Hex color **695914** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **142469**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9F8B45**, and **362C00** is the 20% darker color. If you saturate the color by 10%, you get **69570A**, and if you desaturate by 10%, it is **695B1F**.

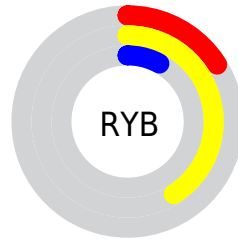
# Distribution



Red (41%)

Green (35%)

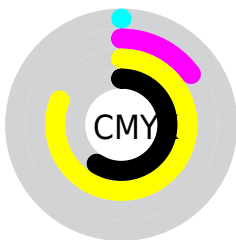
Blue (8%)



Red (16%)

Yellow (41%)

Blue (8%)

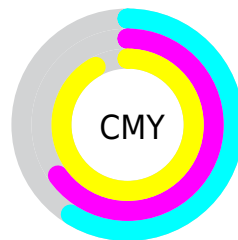


Cyan (0%)

Magenta (15%)

Yellow (81%)

Black (59%)



Cyan (59%)

Magenta (65%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 695914 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 695914 by changing the saturation by 10% instead.



 695914

 695914

FFFFFF

 4F4200

 9F8B45

 362C00

 BBA55E

 1E1800

 D8C077

 000000

 F5DC92

 FFF8AD

 FFFFC8

 FFFFEE5

 695914

 695914

■ 69570A

■ 695B1F

■ 695500

■ 695D29

■ 695F34

■ 69613E

■ 696349

■ 696553

■ 69675E

■ 696968

■ 696B73

# Harmonies

## Analogous

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



824D20



695914



486220

# Triad

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



695914



00697B



824379

# Complementary

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



695914



142469

# 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.



5D5191



695914



006592

# Square

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



695914



00695B



0B5D9A



933C59

# Rectangle

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



695914



2C6630



0B5D9A



794782



# Sweetspot

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



695914



8A8369



691425



454131



C4C4C4



454545



# Same Dimension

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



695914



8A7104



4F6914



363530



755F00



F5C700



# Inverse Universe

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



142469



041D8A



2D1469



303136



001675

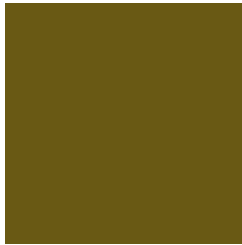


002EF5



# Previews

## White Background



This preview shows how the Hex color 695914 looks on a white background.

## Color Contrast Check

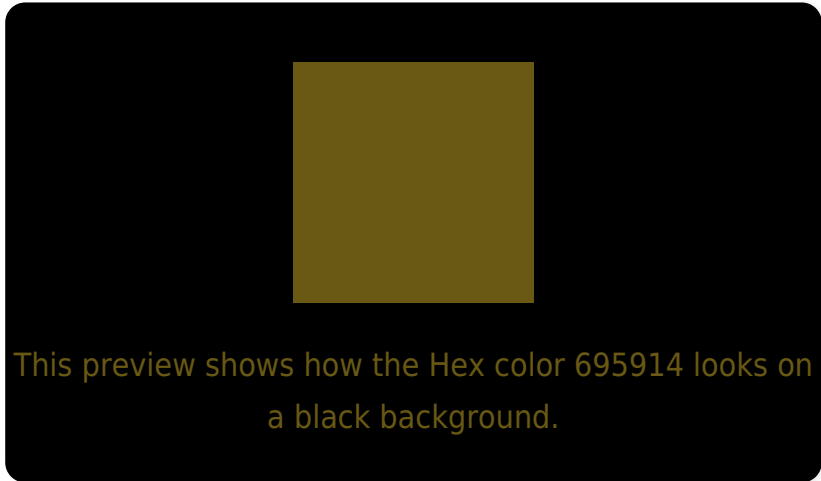
Large Text (above 18pt) WCAG AA ✓ Pass

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 695914 Background



This preview shows how black text looks on a background with the Hex color 695914.



This preview shows how white text looks on a background with the Hex color 695914.

# 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**  
695914

**Protanopia**  
655A14

**Deuteranopia**  
715616



**Tritanopia**  
6E5359

# Trichromacy



**Original Color**  
695914

**Protanomaly**  
665A14

**Deuteranomaly**  
6E5715

**Tritanomaly**  
6C5540

# Monochromacy



**Original Color**  
695914

**Achromatopsia**  
565656

**Achromatomaly**  
5D573E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 695914 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 #695914 looks like.

```
.text, #text, p{  
    color:#695914  
}
```

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 #695914 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #695914
}
```

## Border

The CSS property to change the border of an element to Hex 695914 is called "border". The border property can be set on classes, ids or directly on the HTML element.

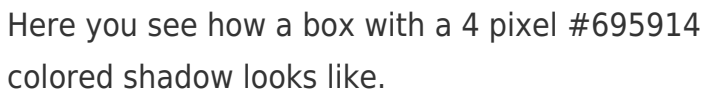
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#695914 }
```

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

```
.border{ border-color:#695914 }
```

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



Here you see how a box with a 4 pixel #695914 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #695914; -webkit-box-shadow:4px 4px  
4px 4px #695914; box-shadow:4px 4px 4px  
4px #695914 }
```

# Background

The CSS property to change the background color of an element to Hex 695914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#695914 }
```

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

```
.background{ background-color:#695914 }
```

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