

# Converting Colors

Hex(705F14)

Have a look what the booklet for  
Hex(705F14) contains.

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**Color**

**Hex(705F14)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	705F14
RGB	112, 95, 20
RGB Percent	44%, 37%, 8%
CMY	0.5608, 0.6275, 0.9216
CMYK	0.00, 0.15, 0.82, 0.56
HSL	49°, 70%, 26%
HSV	49°, 82%, 44%
XYZ	10.9006, 11.6797, 2.3417
YIQ	91.5330, 34.2070, -19.7210

# Conversions

## Conversions Part 2

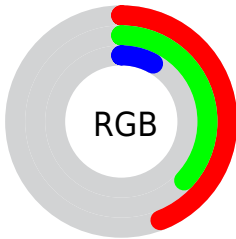
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 112, 20
Decimal	7364372
CIELab	40.70, -1.48, 42.14
CIELCh	41, 42.170, 92.013
Yxy	11.6797, 0.4374, 0.4687
Android (android.graphics.Color)	4285554452 (0xFF705F14)
YUV	91.5330, -35.2658, 17.9496
Hunter-Lab	34.1755, -2.8731, 19.8603

# Details

The Hex color **705F14** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **142570**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **A79146**, and **3D3100** is the 20% darker color. If you saturate the color by 10%, you get **705D09**, and if you desaturate by 10%, it is **70611F**.

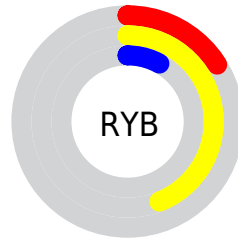
# Distribution



Red (44%)

Green (37%)

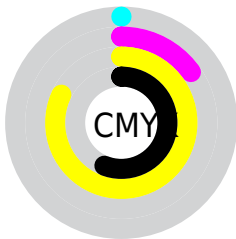
Blue (8%)



Red (16%)

Yellow (44%)

Blue (8%)

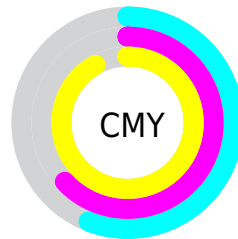


Cyan (0%)

Magenta (15%)

Yellow (82%)

Black (56%)



Cyan (56%)

Magenta (63%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 705F14 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 705F14 by changing the saturation by 10% instead.



 705F14

 705F14

FFFFFF

 564800

 A79146

 3D3100

 C3AC5F

 241D00

 E0C779

 000400

 FDE393

 000000

 FFFFAE

 FFFPCA

 FFFFE7

 705F14

 705F14

■ 705D09

■ 70611F

■ 705B00

■ 70632A

■ 706536

■ 706741

■ 70694C

■ 706B57

■ 706D62

■ 70706E

■ 707279

# Harmonies

## Analogous

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



8B5222



705F14



4D6821

# Triad

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



705F14



007084



8C4781

# Complementary

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



705F14



142570

# 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.



64569B



705F14



006C9D

# Square

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



705F14



007161



0363A5



9E405F

# Rectangle

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



705F14



2E6D33



0363A5



814C8B



# Sweetspot

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



705F14



918B6D



701426



4A4634



C9C9C9



4A4A4A



# Same Dimension

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



705F14



917701



547014



383732



786200



F7CA00



# Inverse Universe

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



142570



011C91



301470



323438



001678

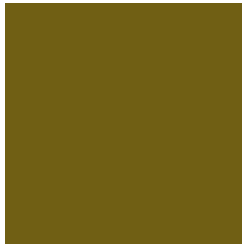


002EF7



# Previews

## White Background



This preview shows how the Hex color 705F14 looks on a white background.

## Color Contrast Check

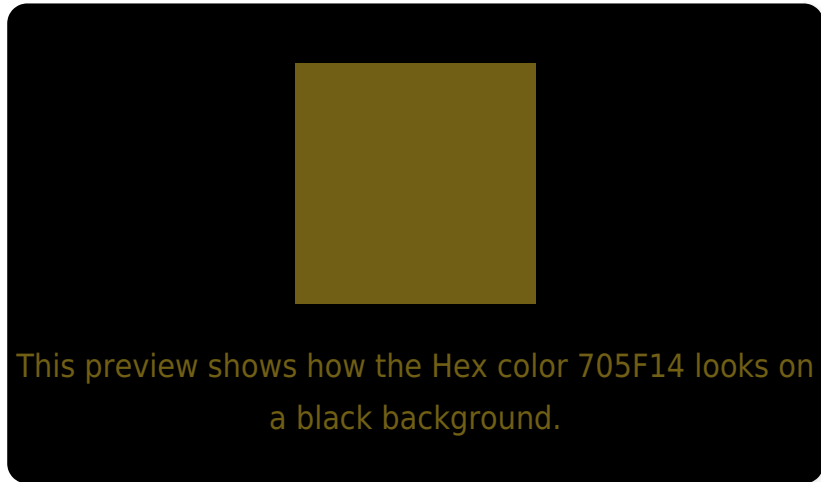
Large Text (above 18pt) WCAG AA ✓ Pass

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

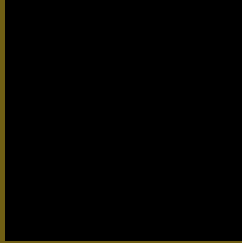
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 705F14 Background



This preview shows how black text looks on a background with the Hex color 705F14.



This preview shows how white text looks on a background with the Hex color 705F14.

# 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**

705F14

**Protanopia**

6C6014

**Deuteranopia**

795B16



**Tritanopia**  
75585F

# Trichromacy



**Original Color**  
705F14

**Protanomaly**  
6D6014

**Deuteranomaly**  
765C15

**Tritanomaly**  
735B44

# Monochromacy



**Original Color**  
705F14

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
635D42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 705F14 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 #705F14 looks like.

```
.text, #text, p{  
    color:#705F14  
}
```

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 #705F14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #705F14
}
```

## Border

The CSS property to change the border of an element to Hex 705F14 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
#705F14 }
```

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

```
.border{ border-color:#705F14 }
```

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

Here you see how a box with a 4 pixel #705F14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #705F14; -webkit-box-shadow:4px 4px  
4px 4px #705F14; box-shadow:4px 4px 4px  
4px #705F14 }
```

# Background

The CSS property to change the background color of an element to Hex 705F14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#705F14 }
```

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

```
.background{ background-color:#705F14 }
```

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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