

Converting Colors

Hex(754B0F)

Have a look what the booklet for
Hex(754B0F) contains.

Hex(754B0F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(754B0F)

Conversions

Conversions Part 1

Format	Color
Hex	754B0F
RGB	117, 75, 15
RGB Percent	46%, 29%, 6%
CMY	0.5412, 0.7059, 0.9412
CMYK	0.00, 0.36, 0.87, 0.54
HSL	35°, 77%, 26%
HSV	35°, 87%, 46%
XYZ	9.9384, 8.8486, 1.6361
YIQ	80.7180, 44.2920, -9.7560

Conversions

Conversions Part 2

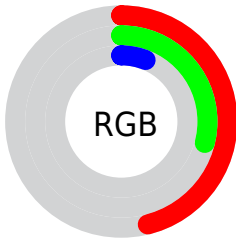
Format	Color
R_{YB}	86, 117, 15
Decimal	7686927
CIE _{Lab}	35.69, 12.75, 39.77
CIE _{LCh}	36, 41.764, 72.223
Yxy	8.8486, 0.4866, 0.4333
Android (android.graphics.Color)	4285877007 (0xFF754B0F)
YUV	80.7180, -32.3990, 31.8193
Hunter-Lab	29.7465, 7.5811, 17.5616

Details

The Hex color **754B0F** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0F3975**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AD7C40**, and **401F00** is the 20% darker color. If you saturate the color by 10%, you get **754603**, and if you desaturate by 10%, it is **75501B**.

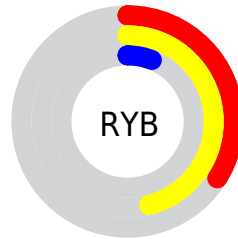
Distribution



Red (46%)

Green (29%)

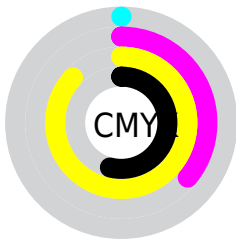
Blue (6%)



Red (34%)

Yellow (46%)

Blue (6%)

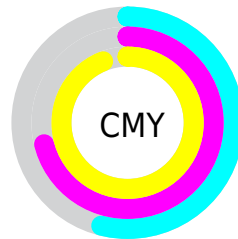


Cyan (0%)

Magenta (36%)

Yellow (87%)

Black (54%)



Cyan (54%)

Magenta (71%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 754B0F 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 754B0F by changing the saturation by 10% instead.



754B0F



754B0F



FFFFFFB



5A3400



AD7C40



401F00



CA9658



270A00



E7B071



000000



FFCC8B



FFE8A6



FFFFC2



FFFFDE



754B0F



754B0F

■ 754603

■ 75501B

■ 754500

■ 755526

■ 755932

■ 755E3E

■ 75634A

■ 756855

■ 756D61

■ 75726D

■ 757678

Harmonies

Analogous

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



893D28



754B0F



585708

Triad

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



754B0F



006461



674586

Complementary

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



754B0F



0F3975

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.



285396



754B0F



006280

Square

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



754B0F



00623E



005D93



863769

Rectangle

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



754B0F



415C15



005D93



574A8D

Sweetspot

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



754B0F



998971



750F39



4D4335



CCCCCC



4D4D4D

Same Dimension

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



754B0F



995A00



6D750F



3B3835



7A4800



FA9300

Inverse Universe

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



0F3975



003F99



180F75



35373B



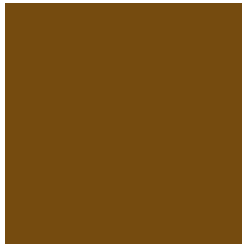
00327A



0067FA

Previews

White Background



This preview shows how the Hex color 754B0F looks on a white background.

Color Contrast Check

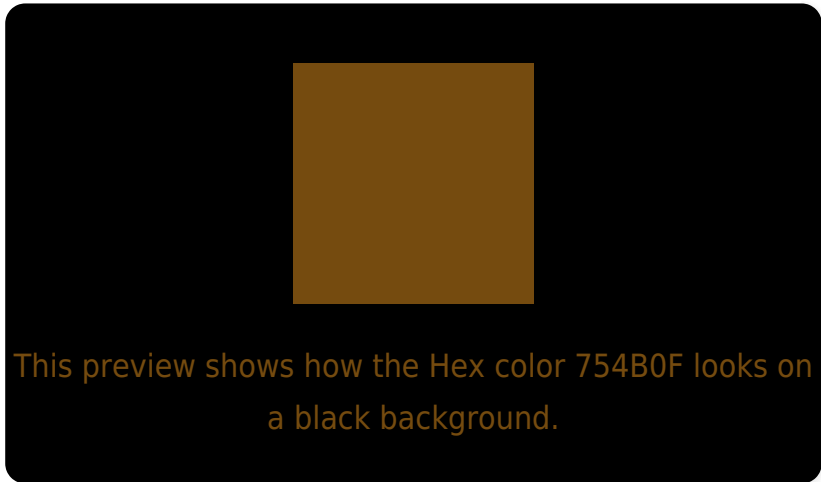
Large Text (above 18pt) WCAG AA ✓ Pass

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

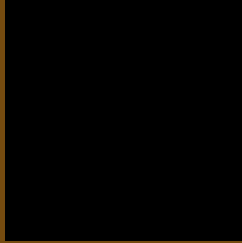
Any Text WCAG AA × Fail

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 754B0F Background



This preview shows how black text looks on a background with the Hex color 754B0F.



This preview shows how white text looks on a background with the Hex color 754B0F.

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
754B0F

Protanopia
5F5512

Deuteranopia
6B500B



Tritanopia
78464B

Trichromacy



Original Color
754B0F

Protanomaly
675111

Deuteranomaly
6F4E0C

Tritanomaly
774835

Monochromacy



Original Color
754B0F

Achromatopsia
515151

Achromatomaly
5E4F39

CSS Examples

Text

The CSS property to change the color of the text to Hex 754B0F 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 #754B0F looks like.

```
.text, #text, p{  
    color:#754B0F  
}
```

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 #754B0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #754B0F
}
```

Border

The CSS property to change the border of an element to Hex 754B0F 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
#754B0F }
```

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

```
.border{ border-color:#754B0F }
```

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

Here you see how a box with a 4 pixel #754B0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #754B0F; -webkit-box-shadow:4px 4px  
4px 4px #754B0F; box-shadow:4px 4px 4px  
4px #754B0F }
```

Background

The CSS property to change the background color of an element to Hex 754B0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#754B0F }
```

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

```
.background{ background-color:#754B0F }
```

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