

Converting Colors

Hex(755E00)

Have a look what the booklet for
Hex(755E00) contains.

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Color

Hex(755E00)

Conversions

Conversions Part 1

Format	Color
Hex	755E00
RGB	117, 94, 0
RGB Percent	46%, 37%, 0%
CMY	0.5412, 0.6314, 1.0000
CMYK	0.00, 0.20, 1.00, 0.54
HSL	48°, 100%, 23%
HSV	48°, 100%, 46%
XYZ	11.3388, 11.7873, 1.6776
YIQ	90.1610, 43.8820, -24.3580

Conversions

Conversions Part 2

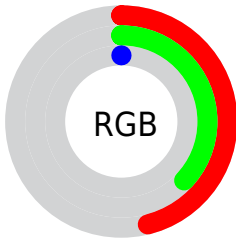
Format	Color
R_{YB}	29, 117, 0
Decimal	7691776
CIE Lab	40.88, 0.98, 48.30
CIE LCh	41, 48.306, 88.834
Yxy	11.7873, 0.4571, 0.4752
Android (android.graphics.Color)	4285881856 (0xFF755E00)
YUV	90.1610, -44.4494, 23.5378
Hunter-Lab	34.3327, -1.1301, 21.1358

Details

The Hex color **755E00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **001775**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **AD903A**, and **403000** is the 20% darker color. If you saturate the color by 10%, you get **755E00**, and if you desaturate by 10%, it is **75600C**.

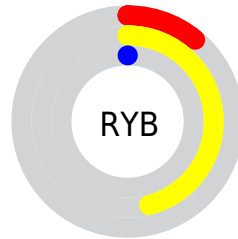
Distribution



Red (46%)

Green (37%)

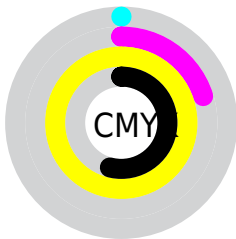
Blue (0%)



Red (11%)

Yellow (46%)

Blue (0%)

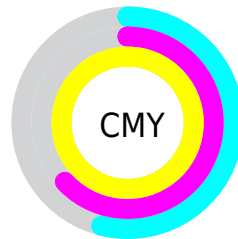


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (54%)



Cyan (54%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 755E00 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 755E00 by changing the saturation by 10% instead.

 755E00

 755E00

 FFFFF7

 5A4700


 AD903A

 403000

 CAAA53

 271C00

 E7C66D

 070200

 FFE187

 000000

 FFFE2

 FFFFBE

 FFFFDA

 755E00

 75600C

 756317

 756523

 75672F

 756A3B

 756C46

 756E52

 75705E

 757369

Harmonies

Analogous

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



934E1A



755E00



4E6911

Triad

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



755E00



007286



8E448A

Complementary

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



755E00



001775

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.



5C57A6



755E00



006FA4

Square

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



755E00



00735E



0066B0



A53964

Rectangle

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



755E00



2A6E28



0066B0



814A95

Sweetspot

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



755E00



99906B



750017



4D4731



CCCCCC



4D4D4D

Same Dimension

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



755E00



997B00



527500



3B3935



7A6200



FAC900

Inverse Universe

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



001775



001E99



230075



35363B



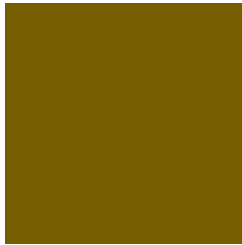
00187A



0031FA

Previews

White Background



This preview shows how the Hex color 755E00 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

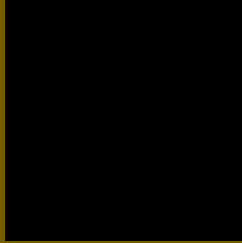
Any Text WCAG AA × Fail

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 755E00 Background



This preview shows how black text looks on a background with the Hex color 755E00.



This preview shows how white text looks on a background with the Hex color 755E00.

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
755E00

Protanopia
6D6105

Deuteranopia
7A5C08



Tritanopia
7A575E

Trichromacy



Original Color
755E00

Protanomaly
706003

Deuteranomaly
785D05

Tritanomaly
785A3C

Monochromacy



Original Color
755E00

Achromatopsia
5A5A5A

Achromatomaly
645B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 755E00 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 #755E00 looks like.

```
.text, #text, p{  
    color:#755E00  
}
```

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 #755E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755E00
}
```

Border

The CSS property to change the border of an element to Hex 755E00 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
#755E00 }
```

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

```
.border{ border-color:#755E00 }
```

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

Here you see how a box with a 4 pixel #755E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755E00; -webkit-box-shadow:4px 4px  
4px 4px #755E00; box-shadow:4px 4px 4px  
4px #755E00 }
```

Background

The CSS property to change the background color of an element to Hex 755E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755E00 }
```

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

```
.background{ background-color:#755E00 }
```

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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