

Converting Colors

Hex(755E1A)

Have a look what the booklet for
Hex(755E1A) contains.

Hex(755E1A)	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(755E1A)

Conversions

Conversions Part 1

Format	Color
Hex	755E1A
RGB	117, 94, 26
RGB Percent	46%, 37%, 10%
CMY	0.5412, 0.6314, 0.8980
CMYK	0.00, 0.20, 0.78, 0.54
HSL	45°, 64%, 28%
HSV	45°, 78%, 46%
XYZ	11.5253, 11.8619, 2.6594
YIQ	93.1250, 35.5360, -16.2720

Conversions

Conversions Part 2

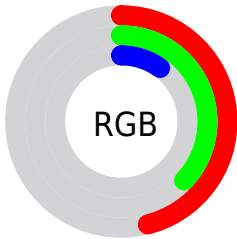
Format	Color
RYB	57, 117, 26
Decimal	7691802
CIELab	41.00, 1.81, 40.24
CIElCh	41, 40.281, 87.426
Yxy	11.8619, 0.4425, 0.4554
Android (android.graphics.Color)	4285881882 (0xFF755E1A)
YUV	93.1250, -33.0926, 20.9384
Hunter-Lab	34.4411, -0.5392, 19.5306

Details

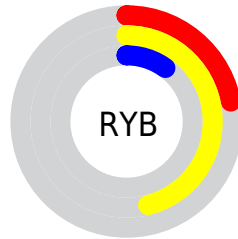
The Hex color **755E1A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1A3175**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **AC904B**, and **413000** is the 20% darker color. If you saturate the color by 10%, you get **755B0E**, and if you desaturate by 10%, it is **756126**.

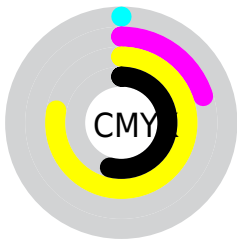
Distribution



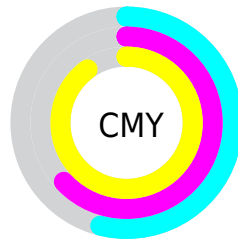
- Red (46%)
- Green (37%)
- Blue (10%)



- Red (22%)
- Yellow (46%)
- Blue (10%)



- Cyan (0%)
- Magenta (20%)
- Yellow (78%)
- Black (54%)



- Cyan (54%)
- Magenta (63%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 755E1A 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 755E1A by changing the saturation by 10% instead.

 755E1A

 755E1A

FFFFFF

 5B4700

 AC904B

 413000

 C8AA64

 281C00

 E5C67D

 0A0200

 FFE298

 000000

 FFFEB3

 FFFFCE

 FFFFEB

 755E1A

 755E1A

■ 755B0E

■ 756126

■ 755803

■ 756431

■ 755700

■ 75673D

■ 756A49

■ 756D55

■ 757060

■ 75736C

■ 757678

■ 757983

Harmonies

Analogous

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



8E5129



755E1A



556822

Triad

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



755E1A



00707E



864B85

Complementary

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



755E1A



1A3175

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.



5D599B



755E1A



006D98

Square

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



755E1A



00715D



0065A3



9B4365

Rectangle

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



755E1A



3A6C32



0065A3



7B508E

Sweetspot

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



755E1A



999076



751A32



4D4737



CCCCCC



4D4D4D

Same Dimension

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



755E1A



99750B



60751A



3B3935



7A5B00



FABB00

Inverse Universe

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



1A3175



0B2F99



2F1A75



35363B



001F7A



003FFA

Previews

White Background



This preview shows how the Hex color 755E1A 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

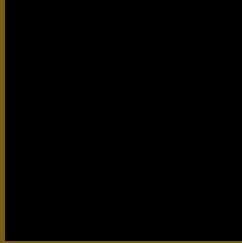
Any Text WCAG AA × Fail

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 755E1A Background



This preview shows how black text looks on a background with the Hex color 755E1A.



This preview shows how white text looks on a background with the Hex color 755E1A.

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
755E1A

Protanopia
6D611B

Deuteranopia
7A5C1B



Tritanopia
7A585E

Trichromacy



Original Color
755E1A

Protanomaly
70601B

Deuteranomaly
785D1B

Tritanomaly
785A45

Monochromacy



Original Color
755E1A

Achromatopsia
5D5D5D

Achromatomaly
665D45

CSS Examples

Text

The CSS property to change the color of the text to Hex 755E1A 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 #755E1A looks like.

```
.text, #text, p{  
    color:#755E1A  
}
```

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 #755E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755E1A
}
```

Border

The CSS property to change the border of an element to Hex 755E1A 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
#755E1A }
```

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

```
.border{ border-color:#755E1A }
```

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

Here you see how a box with a 4 pixel #755E1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755E1A; -webkit-box-shadow:4px 4px  
4px 4px #755E1A; box-shadow:4px 4px 4px  
4px #755E1A }
```

Background

The CSS property to change the background color of an element to Hex 755E1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755E1A }
```

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

```
.background{ background-color:#755E1A }
```

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