

Converting Colors

Hex(75701A)

Have a look what the booklet for
Hex(75701A) contains.

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Color

Hex(75701A)

Conversions

Conversions Part 1

Format	Color
Hex	75701A
RGB	117, 112, 26
RGB Percent	46%, 44%, 10%
CMY	0.5412, 0.5608, 0.8980
CMYK	0.00, 0.04, 0.78, 0.54
HSL	57°, 64%, 28%
HSV	57°, 78%, 46%
XYZ	13.3167, 15.4448, 3.2566
YIQ	103.6910, 30.5860, -25.6860

Conversions

Conversions Part 2

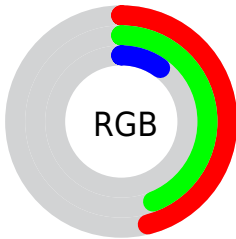
Format	Color
R_{YB}	31, 117, 26
Decimal	7696410
CIE _{Lab}	46.24, -8.57, 45.22
CIE _{LCh}	46, 46.030, 100.736
Yxy	15.4448, 0.4159, 0.4824
Android (android.graphics.Color)	4285886490 (0xFF75701A)
YUV	103.6910, -38.3017, 11.6720
Hunter-Lab	39.2999, -8.2903, 22.5969

Details

The Hex color **75701A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1A1F75**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **ACA34D**, and **424100** is the 20% darker color. If you saturate the color by 10%, you get **756F0E**, and if you desaturate by 10%, it is **757126**.

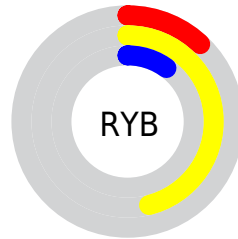
Distribution



Red (46%)

Green (44%)

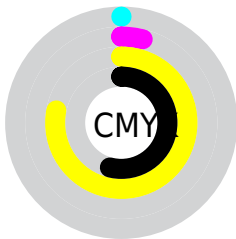
Blue (10%)



Red (12%)

Yellow (46%)

Blue (10%)

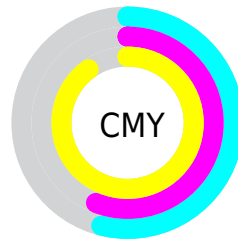


Cyan (0%)

Magenta (4%)

Yellow (78%)

Black (54%)



Cyan (54%)

Magenta (56%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75701A 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 75701A by changing the saturation by 10% instead.

 75701A

 75701A

FFFFFF

 5B5800

 ACA34D

 424100

 C8BE67

 282B00

 E5DA81

 0D1700

 FFF79B

 000000

 FFFFB7

 FFFF D3

 FFFFF0

 75701A

 75701A

■ 756F0E

■ 757126

■ 756F03

■ 757131

■ 756F00

■ 75723D

■ 757349

■ 757355

■ 757460

■ 75756C

■ 757578

■ 757683

Harmonies

Analogous

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



966221



75701A



4B792F

Triad

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



75701A



007F9F



A74E88

Complementary

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



75701A



1A1F75

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.



825DA8



75701A



0079B6

Square

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



75701A



00807B



3C6DB9



B44A61

Rectangle

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



75701A



1F7D46



3C6DB9



9D5394

Sweetspot

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



75701A



999776



751A20



4D4B37



CCCCCC



4D4D4D

Same Dimension

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



75701A



99910B



4E751A



3B3A35



7A7400



FAEC00

Inverse Universe

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



1A1F75



0B1399



411A75



35353B



00077A



000EFA

Previews

White Background



This preview shows how the Hex color 75701A looks on a white background.

Color Contrast Check

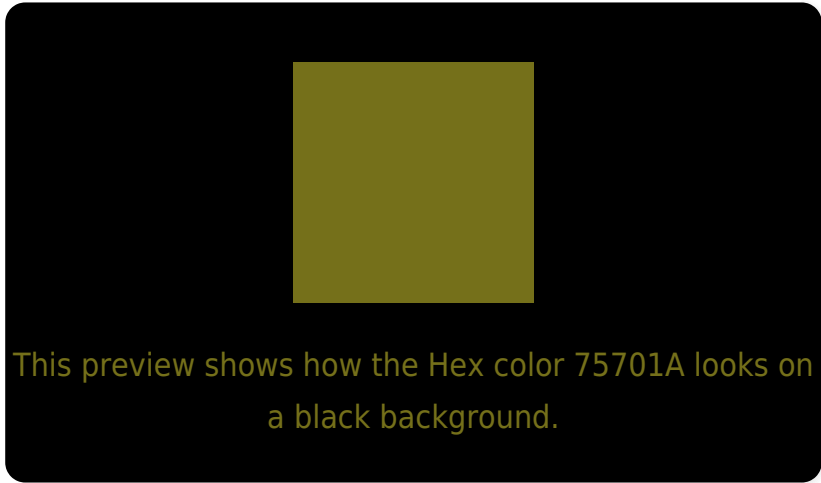
Large Text (above 18pt) WCAG AA ✓ Pass

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 75701A Background



This preview shows how black text looks on a background with the Hex color 75701A.



This preview shows how white text looks on a background with the Hex color 75701A.

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
75701A

Protanopia
7B6E19

Deuteranopia
8A681E



Tritanopia
7C6871

Trichromacy



Original Color
75701A

Protanomaly
796F19

Deuteranomaly
826B1D

Tritanomaly
796B51

Monochromacy



Original Color
75701A

Achromatopsia
686868

Achromatomaly
6D6B4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 75701A 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 #75701A looks like.

```
.text, #text, p{  
    color:#75701A  
}
```

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 #75701A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75701A
}
```

Border

The CSS property to change the border of an element to Hex 75701A 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
#75701A }
```

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

```
.border{ border-color:#75701A }
```

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

Here you see how a box with a 4 pixel #75701A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75701A; -webkit-box-shadow:4px 4px  
4px 4px #75701A; box-shadow:4px 4px 4px  
4px #75701A }
```

Background

The CSS property to change the background color of an element to Hex 75701A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75701A }
```

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

```
.background{ background-color:#75701A }
```

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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