

Converting Colors

Hex(755301)

Have a look what the booklet for
Hex(755301) contains.

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Color

Hex(755301)

Conversions

Conversions Part 1

Format	Color
Hex	755301
RGB	117, 83, 1
RGB Percent	46%, 33%, 0%
CMY	0.5412, 0.6745, 0.9961
CMYK	0.00, 0.29, 0.99, 0.54
HSL	42°, 98%, 23%
HSV	42°, 99%, 46%
XYZ	10.4349, 9.9706, 1.4033
YIQ	83.8180, 46.5860, -18.2940

Conversions

Conversions Part 2

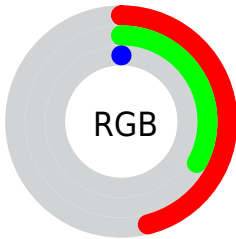
Format	Color
RYB	49, 117, 1
Decimal	7688961
CIELab	37.79, 7.56, 45.85
CIELCh	38, 46.469, 80.632
Yxy	9.9706, 0.4785, 0.4572
Android (android.graphics.Color)	4285879041 (0xFF755301)
YUV	83.8180, -40.8293, 29.1006
Hunter-Lab	31.5763, 3.7295, 19.4685

Details

The Hex color **755301** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **012375**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **AD8438**, and **402700** is the 20% darker color. If you saturate the color by 10%, you get **755300**, and if you desaturate by 10%, it is **75560D**.

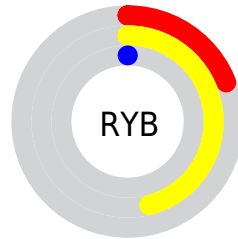
Distribution



Red (46%)

Green (33%)

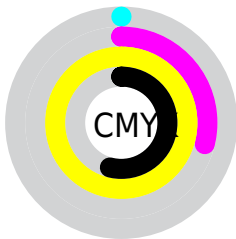
Blue (0%)



Red (19%)

Yellow (46%)

Blue (0%)

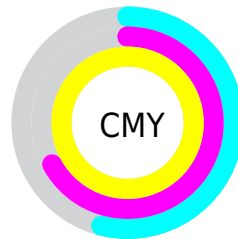


Cyan (0%)

Magenta (29%)

Yellow (99%)

Black (54%)



Cyan (54%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 755301 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 755301 by changing the saturation by 10% instead.

 755301

 755301

 FFFFF4

 5A3C00

 AD8438

 402700

 CA9E51

 261300

 E8B96A

 000000

 FFD585

 FFF19F

 FFFFBB

 FFFF7D

 755301

 755301

■ 755300

■ 75560D

■ 755A18

■ 755D24

■ 756130

■ 75643B

■ 756847

■ 756B53

■ 756E5F

■ 75726A

Harmonies

Analogous

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



8F431F



755301



525F04

Triad

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



755301



006A72



7A4389

Complementary

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



755301



012375

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.



4054A0



755301



006893

Square

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



755301



006A4B



0061A3



963466

Rectangle

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



755301



35641A



0061A3



6B4992

Sweetspot

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



755301



998C6B



750124



4D4431



CCCCCC



4D4D4D

Same Dimension

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



755301



996C00



5E7501



3B3935



7A5700



FAB100

Inverse Universe

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



012375



002D99



180175



35373B



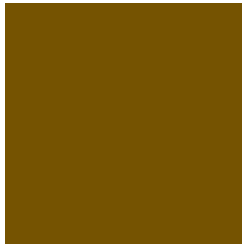
00247A



0049FA

Previews

White Background



This preview shows how the Hex color 755301 looks on a white background.

Color Contrast Check

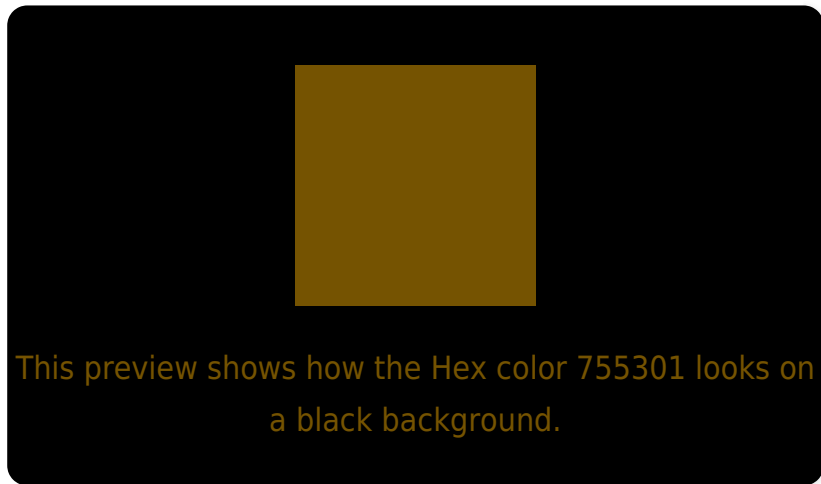
Large Text (above 18pt) WCAG AA ✓ Pass

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 755301 Background



This preview shows how black text looks on a background with the Hex color 755301.



This preview shows how white text looks on a background with the Hex color 755301.

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
755301

Protanopia
655A07

Deuteranopia
715500



Tritanopia
794D53

Trichromacy



Original Color
755301

Protanomaly
6B5705

Deuteranomaly
725400

Tritanomaly
784F35

Monochromacy



Original Color
755301

Achromatopsia
545454

Achromatomaly
605436

CSS Examples

Text

The CSS property to change the color of the text to Hex 755301 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 #755301 looks like.

```
.text, #text, p{  
    color:#755301  
}
```

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 #755301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755301
}
```

Border

The CSS property to change the border of an element to Hex 755301 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
#755301 }
```

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

```
.border{ border-color:#755301 }
```

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

Here you see how a box with a 4 pixel #755301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755301; -webkit-box-shadow:4px 4px  
4px 4px #755301; box-shadow:4px 4px 4px  
4px #755301 }
```

Background

The CSS property to change the background color of an element to Hex 755301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755301 }
```

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

```
.background{ background-color:#755301 }
```

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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