

# Converting Colors

Hex(76300B)

Have a look what the booklet for  
Hex(76300B) contains.

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**Color**

**Hex(76300B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76300B
RGB	118, 48, 11
RGB Percent	46%, 19%, 4%
CMY	0.5373, 0.8118, 0.9569
CMYK	0.00, 0.59, 0.91, 0.54
HSL	21°, 83%, 25%
HSV	21°, 91%, 46%
XYZ	8.5886, 5.9896, 1.0201
YIQ	64.7120, 53.5970, 3.3330

# Conversions

## Conversions Part 2

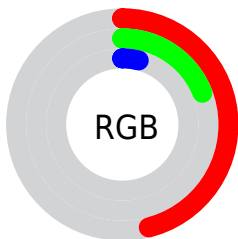
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 68, 11
Decimal	7745547
CIE Lab	29.39, 28.74, 36.09
CIE LCh	29, 46.135, 51.469
Yxy	5.9896, 0.5506, 0.3840
Android (android.graphics.Color)	4285935627 (0xFF76300B)
YUV	64.7120, -26.4800, 46.7336
Hunter-Lab	24.4737, 19.8122, 14.6604

# Details

The Hex color **76300B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0B5176**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **B06039**, and **3E0100** is the 20% darker color. If you saturate the color by 10%, you get **762900**, and if you desaturate by 10%, it is **763817**.

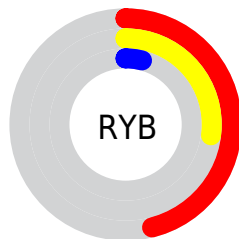
# Distribution



Red (46%)

Green (19%)

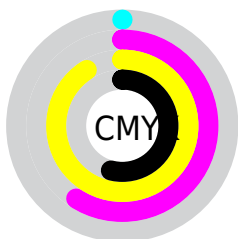
Blue (4%)



Red (46%)

Yellow (27%)

Blue (4%)

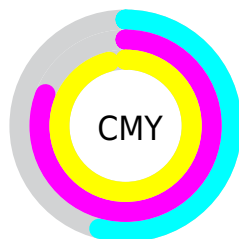


Cyan (0%)

Magenta (59%)

Yellow (91%)

Black (54%)



Cyan (54%)

Magenta (81%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76300B 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 76300B by changing the saturation by 10% instead.



 76300B

 76300B

 FFFFFF1

 5A1800

 B06039

 3E0100

 CD7A51

 270001

 EB9469

 000000

 FFAF83

 FFCB9D

 FFE7B8

 FFFFD4

 76300B

 76300B

■ 762900

■ 763817

■ 763F23

■ 76472E

■ 764F3A

■ 765746

■ 765E52

■ 76665E

■ 766E69

■ 767575

# Harmonies

## Analogous

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



831F2D



76300B



5E4000

# Triad

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



76300B



005439



2A4088

# Complementary

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



76300B



0B5176

# 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.



004D8C



76300B



00555E

# Square

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



76300B



005114



00537D



652E72

# Rectangle

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



76300B



494800



00537D



00458C



# Sweetspot

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



76300B



997E70



760B52



4D3C34



CCCCCC



4D4D4D



# Same Dimension

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



76300B



993500



76640B



3B3735



7A2A00



FA5600



# Inverse Universe

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



0B5176



006499



0B1D76



35393B



00507A



00A3FA



# Previews

## White Background



This preview shows how the Hex color 76300B looks on a white background.

## Color Contrast Check

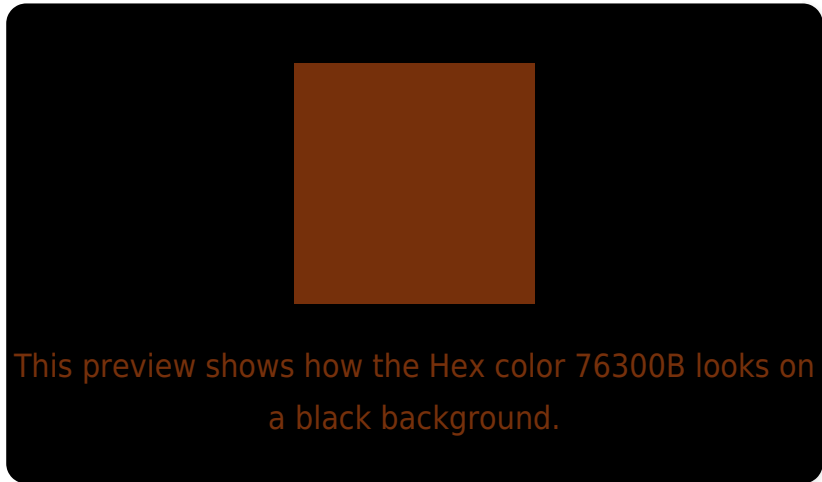
Large Text (above 18pt) WCAG AA ✓ Pass

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

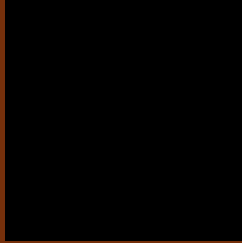
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76300B Background



This preview shows how black text looks on a background with the Hex color 76300B.



This preview shows how white text looks on a background with the Hex color 76300B.

# 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**  
76300B

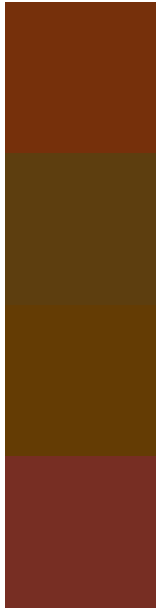
**Protanopia**  
4F4611

**Deuteranopia**  
594300



**Tritanopia**  
772D30

# Trichromacy



**Original Color**  
76300B

**Protanomaly**  
5D3E0F

**Deuteranomaly**  
643C04

**Tritanomaly**  
772E23

# Monochromacy



**Original Color**  
76300B

**Achromatopsia**  
414141

**Achromatomaly**  
543B2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76300B 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 #76300B looks like.

```
.text, #text, p{  
    color:#76300B  
}
```

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 #76300B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76300B
}
```

## Border

The CSS property to change the border of an element to Hex 76300B is called "border". The border property can be set on classes, ids or directly on the HTML element.

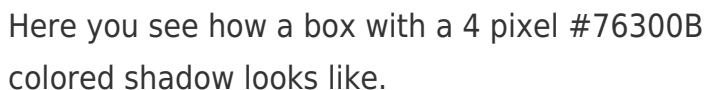
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76300B }
```

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

```
.border{ border-color:#76300B }
```

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



Here you see how a box with a 4 pixel #76300B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76300B; -webkit-box-shadow:4px 4px  
4px 4px #76300B; box-shadow:4px 4px 4px  
4px #76300B }
```

# Background

The CSS property to change the background color of an element to Hex 76300B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76300B }
```

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

```
.background{ background-color:#76300B }
```

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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