

# Converting Colors

Hex(763600)

Have a look what the booklet for  
Hex(763600) contains.

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**Color**

**Hex(763600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	763600
RGB	118, 54, 0
RGB Percent	46%, 21%, 0%
CMY	0.5373, 0.7882, 1.0000
CMYK	0.00, 0.54, 1.00, 0.54
HSL	27°, 100%, 23%
HSV	27°, 100%, 46%
XYZ	8.7904, 6.4899, 0.7894
YIQ	66.9800, 55.4780, -3.2260

# Conversions

## Conversions Part 2

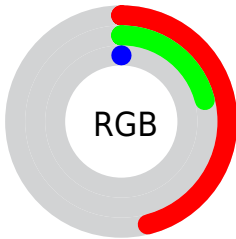
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	118, 100, 0
Decimal	7747072
CIE <sub>Lab</sub>	30.62, 25.18, 41.50
CIE <sub>LCh</sub>	31, 48.539, 58.749
Yxy	6.4899, 0.5470, 0.4039
Android (android.graphics.Color)	4285937152 (0xFF763600)
<b>YUV</b>	66.9800, -33.0211, 44.7445
Hunter-Lab	25.4753, 17.0107, 15.9955

# Details

The Hex color **763600** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **004076**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B06631**, and **3E0800** is the 20% darker color. If you saturate the color by 10%, you get **763600**, and if you desaturate by 10%, it is **763C0C**.

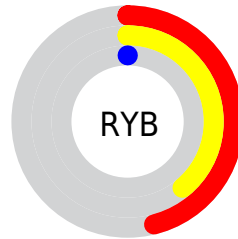
# Distribution



Red (46%)

Green (21%)

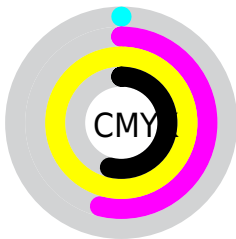
Blue (0%)



Red (46%)

Yellow (39%)

Blue (0%)

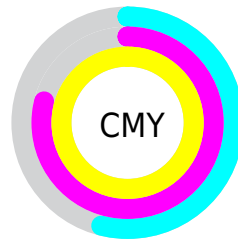


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (54%)



Cyan (54%)

Magenta (79%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 763600 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 763600 by changing the saturation by 10% instead.



 763600

 763600

 FFFFE9

 5A1F00

 B06631

 3E0800

 CD7F49

 280001

 EB9A62

 000000

 FFB57C

 FFD096

 FFEDB1

 FFFFCD

 763600

 763C0C

 764318

 764923

 76502F

 76563B

 765C47

 766353

 76695E

 76706A

# Harmonies

## Analogous

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



872326



763600



5A4600

# Triad

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



763600



005845



413F8B

# Complementary

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



763600



004076

# 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.



004D94



763600



00596C

# Square

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



763600



00561E



005689



732A70

# Rectangle

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



763600



424D00



005689



1F4491



# Sweetspot

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



763600



99806B



760041



4D3E31



CCCCCC



4D4D4D



# Same Dimension

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



763600



994600



767000



3B3735



7A3800



FA7200



# Inverse Universe

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



004076



005399



000676



35383B



00427A



0088FA



# Previews

## White Background



This preview shows how the Hex color 763600 looks on a white background.

## Color Contrast Check

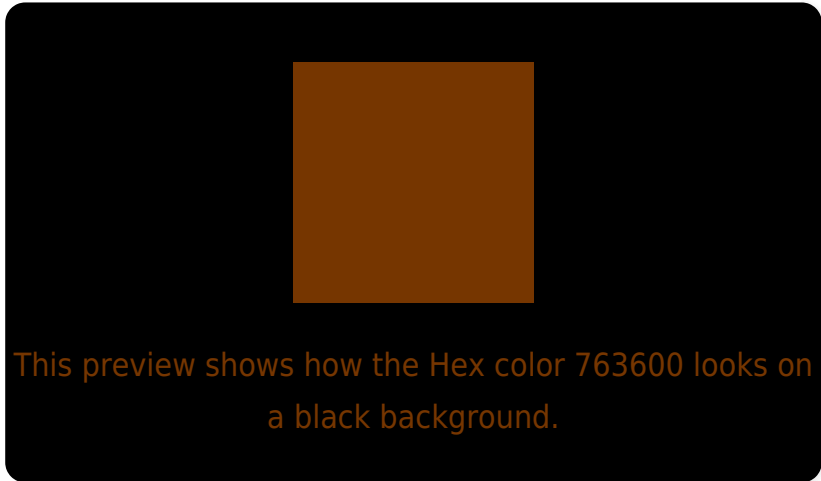
Large Text (above 18pt) WCAG AA ✓ Pass

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

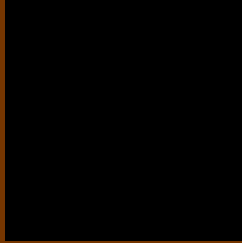
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 763600 Background



This preview shows how black text looks on a background with the Hex color 763600.



This preview shows how white text looks on a background with the Hex color 763600.

# 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



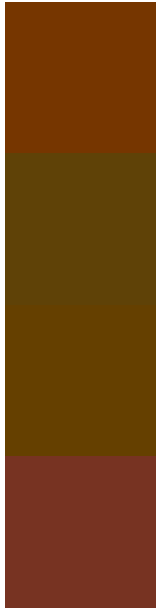
**Original Color**  
763600

**Protanopia**  
52490B

**Deuteranopia**  
5C4500



# Trichromacy



**Original Color**  
763600

**Protanomaly**  
5F4207

**Deuteranomaly**  
654000

**Tritanomaly**  
773322

# Monochromacy



**Original Color**  
763600

**Achromatopsia**  
434343

**Achromatomaly**  
563E2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 763600 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 #763600 looks like.

```
.text, #text, p{  
    color:#763600  
}
```

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 #763600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763600
}
```

## Border

The CSS property to change the border of an element to Hex 763600 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
#763600 }
```

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

```
.border{ border-color:#763600 }
```

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

Here you see how a box with a 4 pixel #763600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763600; -webkit-box-shadow:4px 4px  
4px 4px #763600; box-shadow:4px 4px 4px  
4px #763600 }
```

# Background

The CSS property to change the background color of an element to Hex 763600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763600 }
```

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

```
.background{ background-color:#763600 }
```

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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