

# Converting Colors

Hex(760001)

Have a look what the booklet for  
Hex(760001) contains.

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# Color

**Hex(760001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	760001
RGB	118, 0, 1
RGB Percent	46%, 0%, 0%
CMY	0.5373, 1.0000, 0.9961
CMYK	0.00, 1.00, 0.99, 0.54
HSL	359°, 100%, 23%
HSV	359°, 100%, 46%
XYZ	7.4767, 3.8537, 0.3785
YIQ	35.3960, 70.0070, 25.3270

# Conversions

## Conversions Part 2

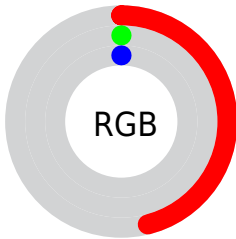
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 0, 1
Decimal	7733249
CIE <sub>Lab</sub>	23.18, 45.35, 34.55
CIE <sub>LCh</sub>	23, 57.014, 37.307
Yxy	3.8537, 0.6385, 0.3291
Android (android.graphics.Color)	4285923329 (0xFF760001)
YUV	35.3960, -16.9572, 72.4437
Hunter-Lab	19.6310, 33.6298, 12.5985

# Details

The Hex color **760001** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **007675**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **B2402F**, and **3D0001** is the 20% darker color. If you saturate the color by 10%, you get **760001**, and if you desaturate by 10%, it is **760C0D**.

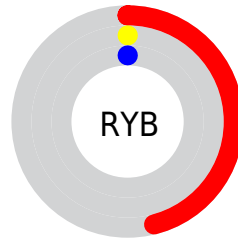
# Distribution



Red (46%)

Green (0%)

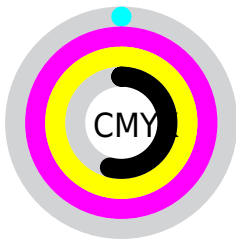
Blue (0%)



Red (46%)

Yellow (0%)

Blue (0%)

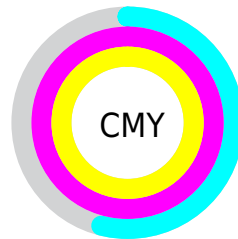


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (54%)



Cyan (54%)

Magenta (100%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 760001 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 760001 by changing the saturation by 10% instead.



 760001

 760001

 FFFFE3

 590000

 B2402F

 3D0001

 D05A46

 1D0001

 EF755E

 000000

 FF9077

 FFAB91

 FFC7AC

 FFE4C7

 760001

 760C0D

 761818

 762324

 762F30

 763B3B

 764747

 765353

 765E5F

 766A6A

# Harmonies

## Analogous

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



7E002F



760001



5E2800

# Triad

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



760001



004613



003A8E

# Complementary

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



760001



007675

# 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.



004587



760001



004841

# Square

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



760001



024200



00486B



40257C

# Rectangle

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



760001



483500



00486B



003F8E



# Sweetspot

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



760001



996B6B



740076



4D3131



CCCCCC



4D4D4D



# Same Dimension

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



760001



990001



763900



3B3535



7A0001



FA0002



# Inverse Universe

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



760001



990001



003D76



3B3535



7A0001



FA0002



# Previews

## White Background



This preview shows how the Hex color 760001 looks on a white background.

## Color Contrast Check

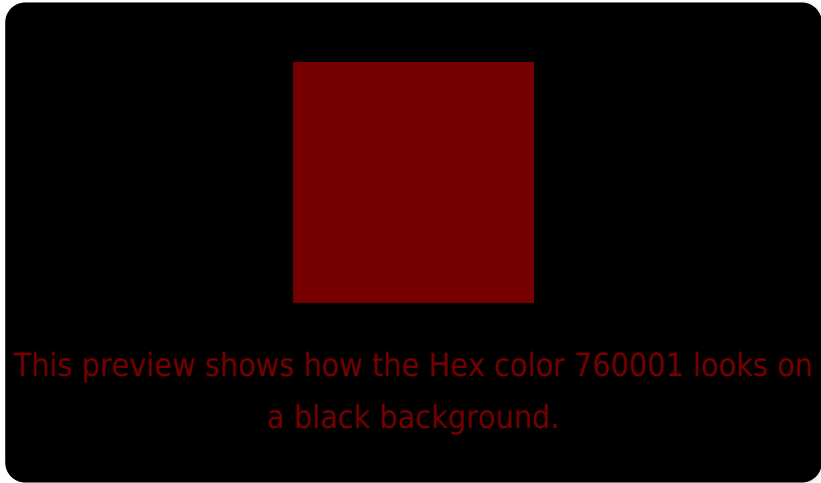
Large Text (above 18pt) WCAG AA ✓ Pass

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

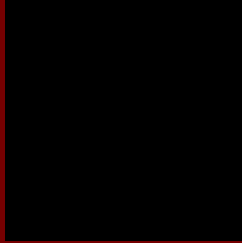
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 760001 Background



This preview shows how black text looks on a background with the Hex color 760001.



This preview shows how white text looks on a background with the Hex color 760001.

# 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**  
760001

**Protanopia**  
433C0F

**Deuteranopia**  
4B3900



**Tritanopia**  
750B00

# Trichromacy



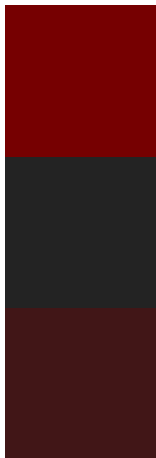
**Original Color**  
760001

**Protanomaly**  
56260A

**Deuteranomaly**  
5B2400

**Tritanomaly**  
750700

# Monochromacy



**Original Color**  
760001

**Achromatopsia**  
232323

**Achromatomaly**  
411617

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 760001 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 #760001 looks like.

```
.text, #text, p{  
    color:#760001  
}
```

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 #760001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #760001
}
```

## Border

The CSS property to change the border of an element to Hex 760001 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".

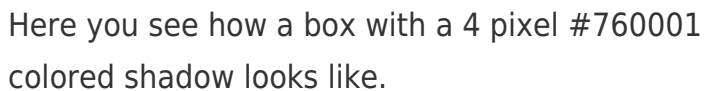
```
.border, #border, table{ border:4px solid
#760001 }
```

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

```
.border{ border-color:#760001 }
```

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

Here you see how a box with a 4 pixel #760001 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #760001 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #760001; -webkit-box-shadow:4px 4px  
4px 4px #760001; box-shadow:4px 4px 4px  
4px #760001 }
```

# Background

The CSS property to change the background color of an element to Hex 760001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#760001 }
```

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

```
.background{ background-color:#760001 }
```

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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