

# Converting Colors

Hex(760B29)

Have a look what the booklet for  
Hex(760B29) contains.

<b>Hex(760B29)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(760B29)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	760B29
RGB	118, 11, 41
RGB Percent	46%, 4%, 16%
CMY	0.5373, 0.9569, 0.8392
CMYK	0.00, 0.91, 0.65, 0.54
HSL	343°, 83%, 25%
HSV	343°, 91%, 46%
XYZ	7.9911, 4.2510, 2.4972
YIQ	46.4130, 54.1420, 32.0140

# Conversions

## Conversions Part 2

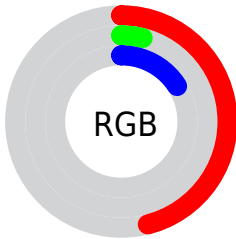
Format	Color
<b>R<sub>YB</sub></b>	118, 11, 41
Decimal	7736105
CIE Lab	24.48, 44.54, 12.98
CIE LCh	24, 46.392, 16.245
Yxy	4.2510, 0.5422, 0.2884
Android (android.graphics.Color)	4285926185 (0xFF760B29)
YUV	46.4130, -2.6686, 62.7818
Hunter-Lab	20.6179, 33.1019, 7.2516

# Details

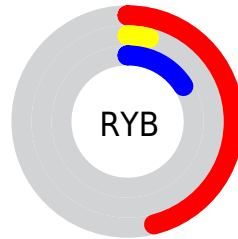
The Hex color **760B29** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0B7658**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **AF4656**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **760021**, and if you desaturate by 10%, it is **761731**.

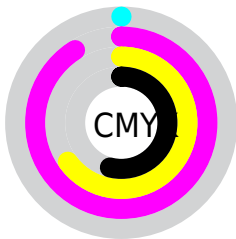
# Distribution



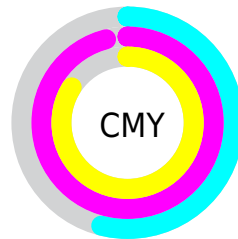
- Red (46%)
- Green (4%)
- Blue (16%)



- Red (46%)
- Yellow (4%)
- Blue (16%)



- Cyan (0%)
- Magenta (91%)
- Yellow (65%)
- Black (54%)



- Cyan (54%)
- Magenta (96%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 760B29 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 760B29 by changing the saturation by 10% instead.



 760B29

 760B29

FFFFFF

 5A0015

 AF4656

 3F0000

 CD606E

 230001

 EB7A87

 000000

 FF95A2

 FFB1BC

 FFCDD8

 FFEAF5

 760B29

 760B29

■ 760021

■ 761731

■ 76233A

■ 762E42

■ 763A4B

■ 764653

■ 76525C

■ 765E64

■ 76696D

■ 767575

# Harmonies

## Analogous

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



6F0F4C



760B29



6C2105

# Triad

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



760B29



014500



00437F

# Complementary

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



760B29



0B7658

# 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.



00486C



760B29



004828

# Square

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



760B29



373E00



00494D



00387E

# Rectangle

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



760B29



5E2D00



00494D



00457B



# Sweetspot

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



760B29



99707B



580B76



4D343B



CCCCCC



4D4D4D



# Same Dimension

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



760B29



99002B



76220B



3B3536



7A0022



FA0046



# Inverse Universe

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



760B29



99002B



0B5F76



3B3536



7A0022

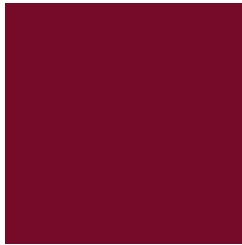


FA0046



# Previews

## White Background



This preview shows how the Hex color 760B29 looks on a white background.

## Color Contrast Check

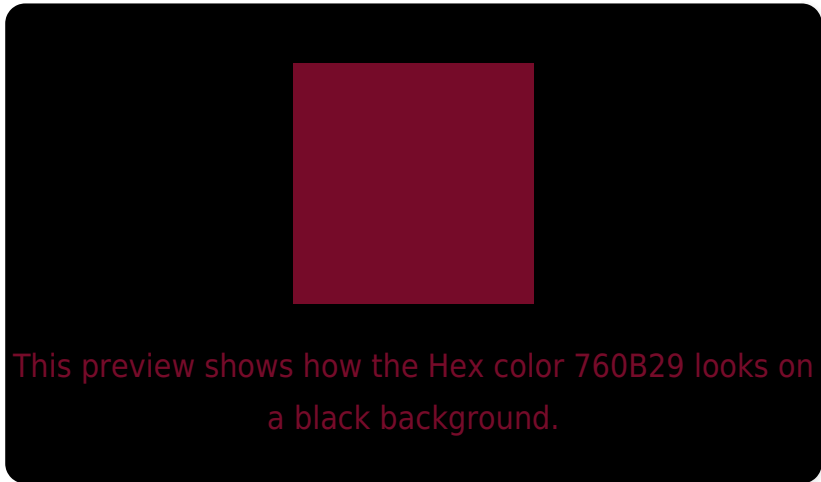
Large Text (above 18pt) WCAG AA ✓ Pass

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 760B29 Background



This preview shows how black text looks on a background with the Hex color 760B29.

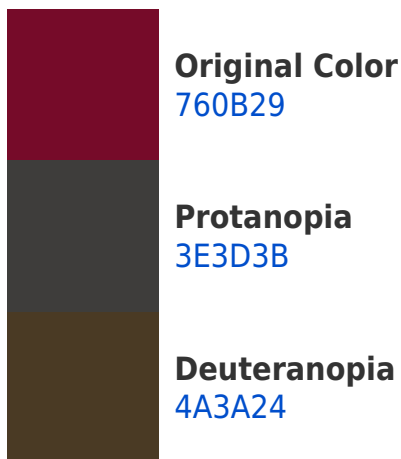


This preview shows how white text looks on a background with the Hex color 760B29.

# 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





# Trichromacy



**Original Color**  
760B29

**Protanomaly**  
522B34

**Deuteranomaly**  
5A2926

**Tritanomaly**  
75101A

# Monochromacy



**Original Color**  
760B29

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
48212C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 760B29 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 #760B29 looks like.

```
.text, #text, p{  
  color:#760B29  
}
```

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 #760B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #760B29
}
```

## Border

The CSS property to change the border of an element to Hex 760B29 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
#760B29 }
```

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

```
.border{ border-color:#760B29 }
```

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

Here you see how a box with a 4 pixel #760B29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #760B29; -webkit-box-shadow:4px 4px  
4px 4px #760B29; box-shadow:4px 4px 4px  
4px #760B29 }
```

# Background

The CSS property to change the background color of an element to Hex 760B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#760B29 }
```

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

```
.background{ background-color:#760B29 }
```

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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