

Converting Colors

Hex(760C30)

Have a look what the booklet for
Hex(760C30) contains.

| | |
|--|----|
| Hex(760C30) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(760C30)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 760C30 |
| RGB | 118, 12, 48 |
| RGB Percent | 46%, 5%, 19% |
| CMY | 0.5373, 0.9529, 0.8118 |
| CMYK | 0.00, 0.90, 0.59, 0.54 |
| HSL | 340°, 82%, 25% |
| HSV | 340°, 90%, 46% |
| XYZ | 8.1362, 4.3279, 3.2028 |
| YIQ | 47.7980, 51.6200, 33.6680 |

Conversions

Conversions Part 2

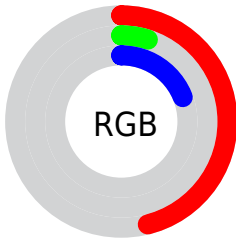
| Format | Color |
|-------------------------------------|--|
| RYB | 118, 12, 48 |
| Decimal | 7736368 |
| CIELab | 24.73, 44.81, 8.48 |
| CIELCh | 25, 45.607, 10.717 |
| Yxy | 4.3279, 0.5193, 0.2762 |
| Android (android.graphics.Color) | 4285926448 (0xFF760C30) |
| YUV | 47.7980, 0.0996, 61.5672 |
| Hunter-Lab | 20.8036, 33.4042, 5.4344 |

Details

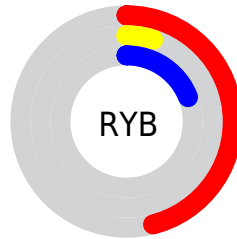
The Hex color **760C30** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0C7652**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **AF465E**, and **400000** is the 20% darker color. If you saturate the color by 10%, you get **760028**, and if you desaturate by 10%, it is **761838**.

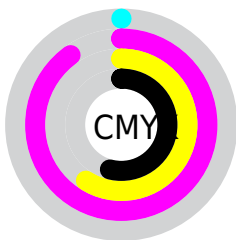
Distribution



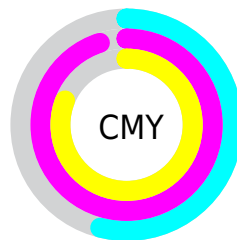
- Red (46%)
- Green (5%)
- Blue (19%)



- Red (46%)
- Yellow (5%)
- Blue (19%)



- Cyan (0%)
- Magenta (90%)
- Yellow (59%)
- Black (54%)



- Cyan (54%)
- Magenta (95%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 760C30 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 760C30 by changing the saturation by 10% instead.

 760C30

 760C30

FFFFFF

 5A001B

 AF465E

 400000

 CC6176

 240001

 EA7B90

 000000

 FF96AA

 FFB2C5

 FFC EE1

 FFE BFE

 760C30

 760C30

760028

761838

762440

762F47

763B4F

764757

76535F

765F67

766A6E

767676

Harmonies

Analogous

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



6C1552



760C30



6F1E0F

Triad

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



760C30



144400



00457C

Complementary

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



760C30



0C7652

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.



004967



760C30



004822

Square

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



760C30



3E3D00



004947



003B7F

Rectangle

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



760C30



622B00



004947



004777

Sweetspot

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



760C30



99707E



510C76



4D343C



CCCCCC



4D4D4D

Same Dimension

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



760C30



990034



761C0C



3B3537



7A002A



FA0055

Inverse Universe

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



760C30



990034



0C6676



3B3537



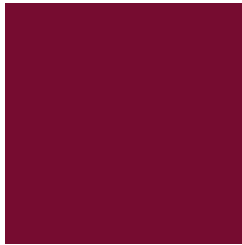
7A002A



FA0055

Previews

White Background



This preview shows how the Hex color 760C30 looks on a white background.

Color Contrast Check

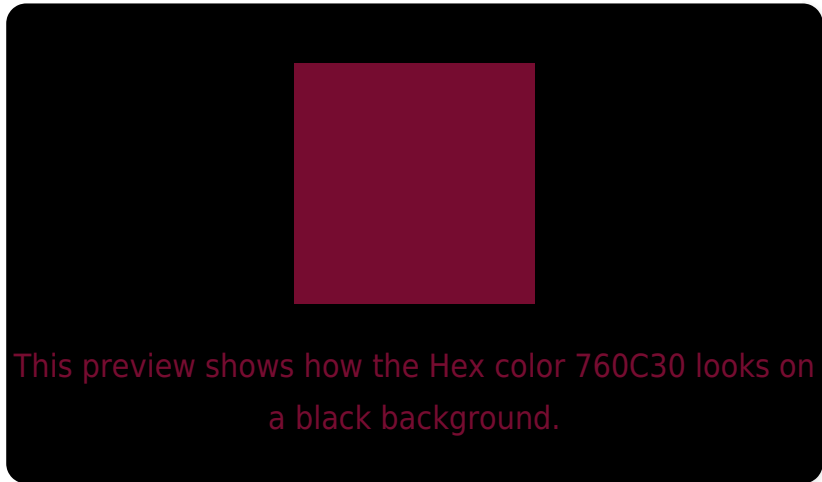
Large Text (above 18pt) WCAG AA ✓ Pass

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

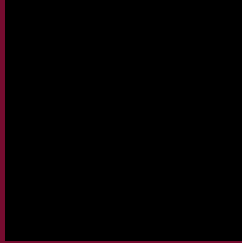
Any Text WCAG AA × Fail

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 760C30 Background



This preview shows how black text looks on a background with the Hex color 760C30.



This preview shows how white text looks on a background with the Hex color 760C30.

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
760C30

Protanopia
3C3D45

Deuteranopia
493B2B

Trichromacy



Original Color
760C30

Protanomaly
512B3D

Deuteranomaly
592A2D

Tritanomaly
75121F

Monochromacy



Original Color
760C30

Achromatopsia
303030

Achromatomaly
492330

CSS Examples

Text

The CSS property to change the color of the text to Hex 760C30 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 #760C30 looks like.

```
.text, #text, p{  
    color:#760C30  
}
```

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 #760C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #760C30
}
```

Border

The CSS property to change the border of an element to Hex 760C30 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
#760C30 }
```

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

```
.border{ border-color:#760C30 }
```

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

Here you see how a box with a 4 pixel #760C30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #760C30; -webkit-box-shadow:4px 4px  
4px 4px #760C30; box-shadow:4px 4px 4px  
4px #760C30 }
```

Background

The CSS property to change the background color of an element to Hex 760C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#760C30 }
```

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

```
.background{ background-color:#760C30 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor