

Converting Colors

Hex(77030D)

Have a look what the booklet for
Hex(77030D) contains.

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Color

Hex(77030D)

Conversions

Conversions Part 1

Format	Color
Hex	77030D
RGB	119, 3, 13
RGB Percent	47%, 1%, 5%
CMY	0.5333, 0.9882, 0.9490
CMYK	0.00, 0.97, 0.89, 0.53
HSL	355°, 95%, 24%
HSV	355°, 97%, 47%
XYZ	7.7130, 4.0161, 0.7494
YIQ	38.8240, 65.9260, 27.7020

Conversions

Conversions Part 2

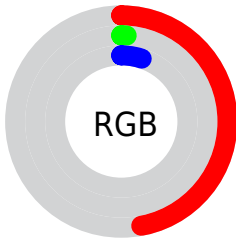
Format	Color
RYB	119, 3, 13
Decimal	7799565
CIELab	23.72, 45.24, 30.19
CIElCh	24, 54.388, 33.710
Yxy	4.0161, 0.6181, 0.3218
Android (android.graphics.Color)	4285989645 (0xFF77030D)
YUV	38.8240, -12.7312, 70.3144
Hunter-Lab	20.0403, 33.6294, 11.8109

Details

The Hex color **77030D** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **03776D**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **B24238**, and **3E0000** is the 20% darker color. If you saturate the color by 10%, you get **77000A**, and if you desaturate by 10%, it is **770F18**.

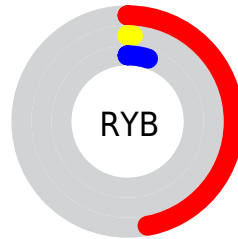
Distribution



Red (47%)

Green (1%)

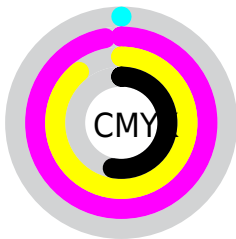
Blue (5%)



Red (47%)

Yellow (1%)

Blue (5%)

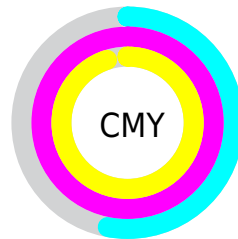


Cyan (0%)

Magenta (97%)

Yellow (89%)

Black (53%)



Cyan (53%)

Magenta (99%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77030D 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 77030D by changing the saturation by 10% instead.

 77030D

 77030D

 FFFFED

 5A0000

 B24238

 3E0000

 D15C4F

 200001

 EF7667

 000000

 FF9180

 FFAD9B

 FFC9B5

 FFE6D1

 77030D

 77030D

■ 77000A

■ 770F18

■ 771B23

■ 77272E

■ 773338

■ 773F43

■ 774A4E

■ 775659

■ 776264

■ 776E6F

Harmonies

Analogous

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



7C0035



77030D



622700

Triad

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



77030D



004710



003D8C

Complementary

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



77030D



03776D

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.



004682



77030D



00483D

Square

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



77030D



154200



004965



382A7E

Rectangle

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



77030D



4E3400



004965



00418B

Sweetspot

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



77030D



9C6E72



6B0377



4F3336



CFCFCF



4F4F4F

Same Dimension

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



77030D



9C000D



773103



3B3535



7A000B



FA0016

Inverse Universe

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



77030D



9C000D



034977



3B3535



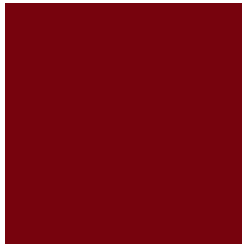
7A000B



FA0016

Previews

White Background



This preview shows how the Hex color 77030D 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

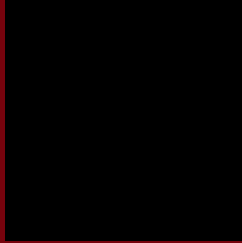
Any Text WCAG AA × Fail

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 77030D Background



This preview shows how black text looks on a background with the Hex color 77030D.



This preview shows how white text looks on a background with the Hex color 77030D.

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
77030D

Protanopia
433C18

Deuteranopia
4C3900



Tritanopia
760B00

Trichromacy



Original Color
77030D

Protanomaly
562714

Deuteranomaly
5C2505

Tritanomaly
760805

Monochromacy



Original Color
77030D

Achromatopsia
272727

Achromatomaly
441A1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 77030D 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 #77030D looks like.

```
.text, #text, p{  
    color:#77030D  
}
```

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 #77030D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77030D
}
```

Border

The CSS property to change the border of an element to Hex 77030D is called "border". The border property can be set on classes, ids or directly on the HTML element.

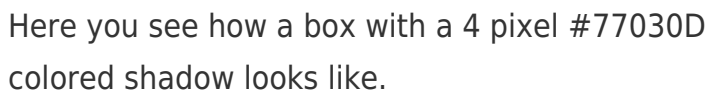
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77030D }
```

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

```
.border{ border-color:#77030D }
```

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



Here you see how a box with a 4 pixel #77030D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77030D; -webkit-box-shadow:4px 4px  
4px 4px #77030D; box-shadow:4px 4px 4px  
4px #77030D }
```

Background

The CSS property to change the background color of an element to Hex 77030D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77030D }
```

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

```
.background{ background-color:#77030D }
```

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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