

Converting Colors

Hex(77000E)

Have a look what the booklet for
Hex(77000E) contains.

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Color

Hex(77000E)

Conversions

Conversions Part 1

Format	Color
Hex	77000E
RGB	119, 0, 14
RGB Percent	47%, 0%, 5%
CMY	0.5333, 1.0000, 0.9451
CMYK	0.00, 1.00, 0.88, 0.53
HSL	353°, 100%, 23%
HSV	353°, 100%, 47%
XYZ	7.6870, 3.9536, 0.7734
YIQ	37.1770, 66.4300, 29.5820

Conversions

Conversions Part 2

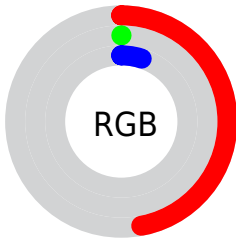
Format	Color
R_YB	119, 0, 14
Decimal	7798798
CIE _{Lab}	23.52, 45.89, 29.48
CIE _{LCh}	24, 54.548, 32.720
Yxy	3.9536, 0.6192, 0.3185
Android (android.graphics.Color)	4285988878 (0xFF77000E)
YUV	37.1770, -11.4263, 71.7588
Hunter-Lab	19.8838, 34.2110, 11.6124

Details

The Hex color **77000E** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **007769**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **B24039**, and **3E0000** is the 20% darker color. If you saturate the color by 10%, you get **77000E**, and if you desaturate by 10%, it is **770C19**.

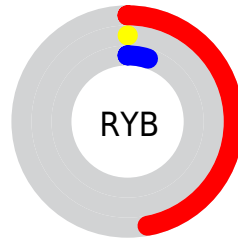
Distribution



Red (47%)

Green (0%)

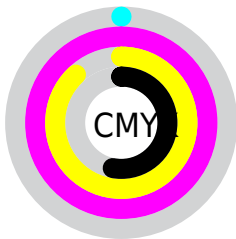
Blue (5%)



Red (47%)

Yellow (0%)

Blue (5%)

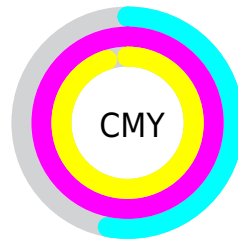


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (53%)



Cyan (53%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77000E 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 77000E by changing the saturation by 10% instead.

 77000E

 77000E

 FFFFEE

 5A0000

 B24039

 3E0000

 D15B50

 200001

 EF7568

 000000

 FF9081

 FFAC9B

 FFC8B6

 FFE5D2

 77000E

 770C19

 771823

 77242E

 773038

 773B43

 77474D

 775358

 775F62

 776B6D

Harmonies

Analogous

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



7C0036



77000E



622600

Triad

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



7700E



00460E



003D8B

Complementary

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



77000E



007769

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



77000E



00483B

Square

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



77000E



164100



004864



352B7E

Rectangle

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



77000E



4E3300



004864



00418B

Sweetspot

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



77000E



9C6D72



670077



4F3336



CFCFCF



4F4F4F

Same Dimension

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



77000E



9C0012



772C00



3B3535



7A000E



FA001D

Inverse Universe

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



77000E



9C0012



004B77



3B3535



7A000E



FA001D

Previews

White Background



This preview shows how the Hex color 77000E looks on a white background.

Color Contrast Check

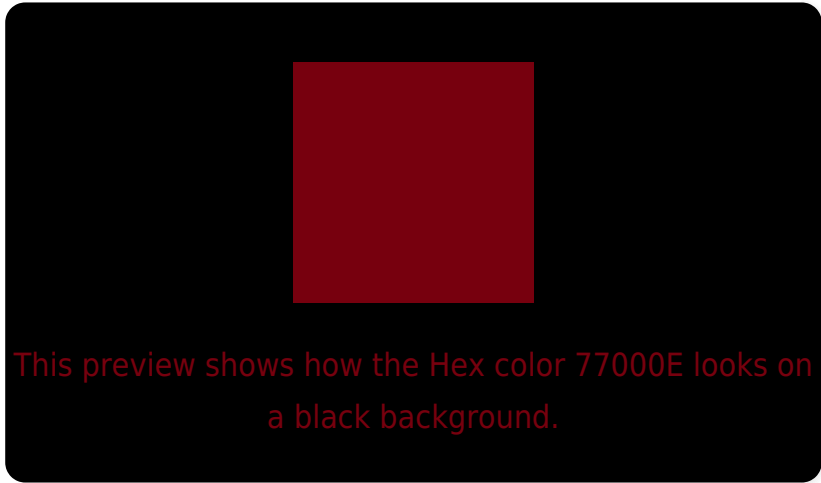
Large Text (above 18pt) WCAG AA ✓ Pass

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 77000E Background



This preview shows how black text looks on a background with the Hex color 77000E.



This preview shows how white text looks on a background with the Hex color 77000E.

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





Tritanopia
760B00

Trichromacy



Original Color
77000E

Protanomaly
562615

Deuteranomaly
5C2405

Tritanomaly
760705

Monochromacy



Original Color
77000E

Achromatopsia
252525

Achromatomaly
43181D

CSS Examples

Text

The CSS property to change the color of the text to Hex 77000E 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 #77000E looks like.

```
.text, #text, p{  
    color:#77000E  
}
```

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 #77000E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77000E
}
```

Border

The CSS property to change the border of an element to Hex 77000E is called "border". The border property can be set on classes, ids or directly on the HTML element.

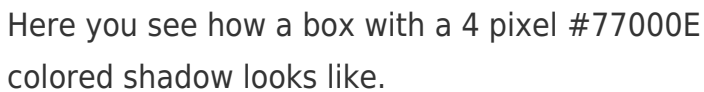
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77000E }
```

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

```
.border{ border-color:#77000E }
```

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



Here you see how a box with a 4 pixel `#77000E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77000E; -webkit-box-shadow:4px 4px  
4px 4px #77000E; box-shadow:4px 4px 4px  
4px #77000E }
```

Background

The CSS property to change the background color of an element to Hex 77000E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77000E }
```

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

```
.background{ background-color:#77000E }
```

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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