

Converting Colors

Hex(78000E)

Have a look what the booklet for
Hex(78000E) contains.

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Color

Hex(78000E)

Conversions

Conversions Part 1

Format	Color
Hex	78000E
RGB	120, 0, 14
RGB Percent	47%, 0%, 5%
CMY	0.5294, 1.0000, 0.9451
CMYK	0.00, 1.00, 0.88, 0.53
HSL	353°, 100%, 24%
HSV	353°, 100%, 47%
XYZ	7.8250, 4.0248, 0.7799
YIQ	37.4760, 67.0260, 29.7940

Conversions

Conversions Part 2

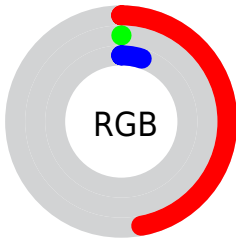
Format	Color
R_{YB}	120, 0, 14
Decimal	7864334
CIE _{Lab}	23.75, 46.16, 29.80
CIE _{LCh}	24, 54.945, 32.842
Yxy	4.0248, 0.6196, 0.3187
Android (android.graphics.Color)	4286054414 (0xFF78000E)
YUV	37.4760, -11.5737, 72.3735
Hunter-Lab	20.0618, 34.5146, 11.7384

Details

The Hex color **78000E** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00786A**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **B44139**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **78000E**, and if you desaturate by 10%, it is **780C19**.

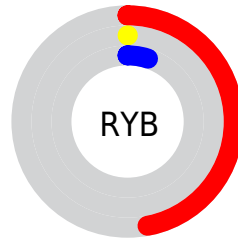
Distribution



Red (47%)

Green (0%)

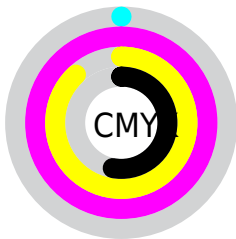
Blue (5%)



Red (47%)

Yellow (0%)

Blue (5%)

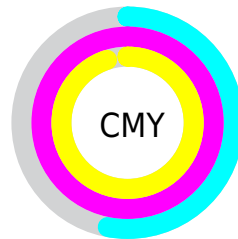


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (53%)



Cyan (53%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78000E 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 78000E by changing the saturation by 10% instead.

 78000E

 78000E

 FFFFEE

 5B0000

 B44139

 3F0000

 D25B50

 210001

 F17668

 000000

 FF9181

 FFAC9B

 FFC8B6

 FFE5D2

 78000E

 780C19

 781823

 78242E

 783038

 783C43

 78484E

 785458

 786063

 786C6D

Harmonies

Analogous

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



7D0037



78000E



632600

Triad

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



78000E



00470E



003D8D

Complementary

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



78000E



00786A

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.



004683



78000E



00493C

Square

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



78000E



164200



004965



362B7F

Rectangle

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



78000E



4F3400



004965



00418C

Sweetspot

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



78000E



9C6D72



6A0078



4F3336



CFCFCF



4F4F4F

Same Dimension

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



78000E



9C0012



782E00



3D3738



7D000F



FC001D

Inverse Universe

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



78000E



9C0012



004A78



3D3738



7D000F



FC001D

Previews

White Background



This preview shows how the Hex color 78000E looks on a white background.

Color Contrast Check

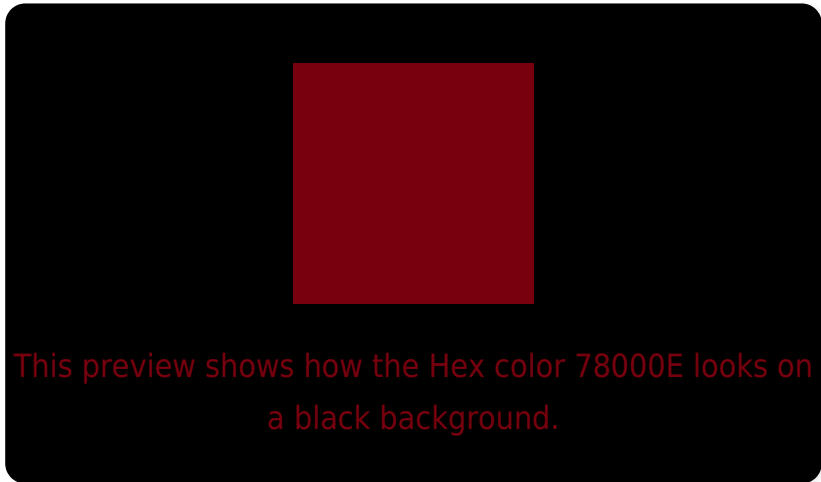
Large Text (above 18pt) WCAG AA ✓ Pass

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 78000E Background



This preview shows how black text looks on a background with the Hex color 78000E.



This preview shows how white text looks on a background with the Hex color 78000E.

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
78000E

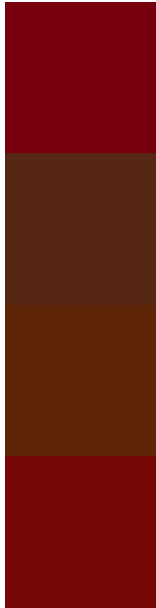
Protanopia
443D19

Deuteranopia
4D3A00



Tritanopia
770B00

Trichromacy



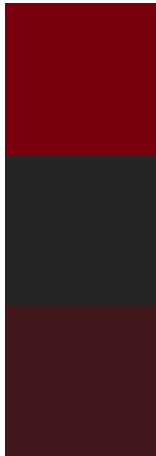
Original Color
78000E

Protanomaly
572715

Deuteranomaly
5D2505

Tritanomaly
770705

Monochromacy



Original Color
78000E

Achromatopsia
252525

Achromatomaly
43181D

CSS Examples

Text

The CSS property to change the color of the text to Hex 78000E 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 #78000E looks like.

```
.text, #text, p{  
    color:#78000E  
}
```

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 #78000E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78000E
}
```

Border

The CSS property to change the border of an element to Hex 78000E is called "border". The border property can be set on classes, ids or directly on the HTML element.

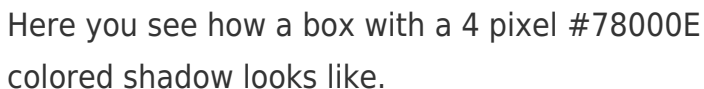
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78000E }
```

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

```
.border{ border-color:#78000E }
```

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



Here you see how a box with a 4 pixel #78000E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78000E; -webkit-box-shadow:4px 4px  
4px 4px #78000E; box-shadow:4px 4px 4px  
4px #78000E }
```

Background

The CSS property to change the background color of an element to Hex 78000E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78000E }
```

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

```
.background{ background-color:#78000E }
```

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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