

Converting Colors

Hex(780E32)

Have a look what the booklet for
Hex(780E32) contains.

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Color

Hex(780E32)

Conversions

Conversions Part 1

Format	Color
Hex	780E32
RGB	120, 14, 50
RGB Percent	47%, 5%, 20%
CMY	0.5294, 0.9451, 0.8039
CMYK	0.00, 0.88, 0.58, 0.53
HSL	340°, 79%, 26%
HSV	340°, 88%, 47%
XYZ	8.4785, 4.5374, 3.4466
YIQ	49.7980, 51.6200, 33.6680

Conversions

Conversions Part 2

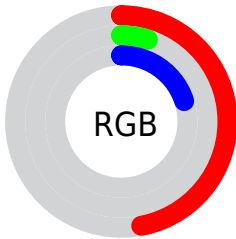
Format	Color
R_{YB}	120, 14, 50
Decimal	7867954
CIE _{Lab}	25.37, 45.07, 8.07
CIE _{LCh}	25, 45.787, 10.149
Yxy	4.5374, 0.5150, 0.2756
Android (android.graphics.Color)	4286058034 (0xFF780E32)
YUV	49.7980, 0.0996, 61.5672
Hunter-Lab	21.3013, 33.7707, 5.3177

Details

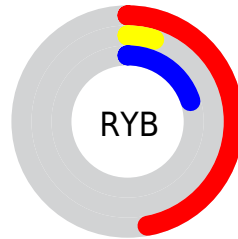
The Hex color **780E32** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0E7854**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **B14860**, and **420003** is the 20% darker color. If you saturate the color by 10%, you get **78022A**, and if you desaturate by 10%, it is **781A3A**.

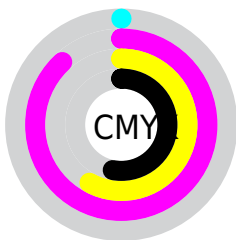
Distribution



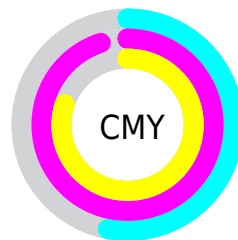
- Red (47%)
- Green (5%)
- Blue (20%)



- Red (47%)
- Yellow (5%)
- Blue (20%)



- Cyan (0%)
- Magenta (88%)
- Yellow (58%)
- Black (53%)



- Cyan (53%)
- Magenta (95%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 780E32 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 780E32 by changing the saturation by 10% instead.

 780E32

 780E32

FFFFFF

 5C001D

 B14860

 420003

 CE6279

 270001

 EC7D92

 000000

 FF98AD

 FFB3C8

 FFD0E4

 FFEDFF

 780E32

 780E32

■ 78022A

■ 781A3A

■ 780029

■ 782642

■ 78324A

■ 783E52

■ 784A5A

■ 785662

■ 786269

■ 786E71

■ 787A79

Harmonies

Analogous

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



6D1854



780E32



711F10

Triad

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



780E32



174600



00467E

Complementary

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



780E32



0E7854

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.



004A68



780E32



004A23

Square

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



780E32



403E00



004B47



003D81

Rectangle

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



780E32



652C00



004B47



004878

Sweetspot

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



780E32



9C7280



530E78



4F363E



CFCFCF



4F4F4F

Same Dimension

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



780E32



9C0035



781E0E



3D3739



7D002A



FC0056

Inverse Universe

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



780E32



9C0035



0E6878



3D3739



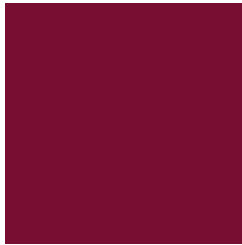
7D002A



FC0056

Previews

White Background



This preview shows how the Hex color 780E32 looks on a white background.

Color Contrast Check

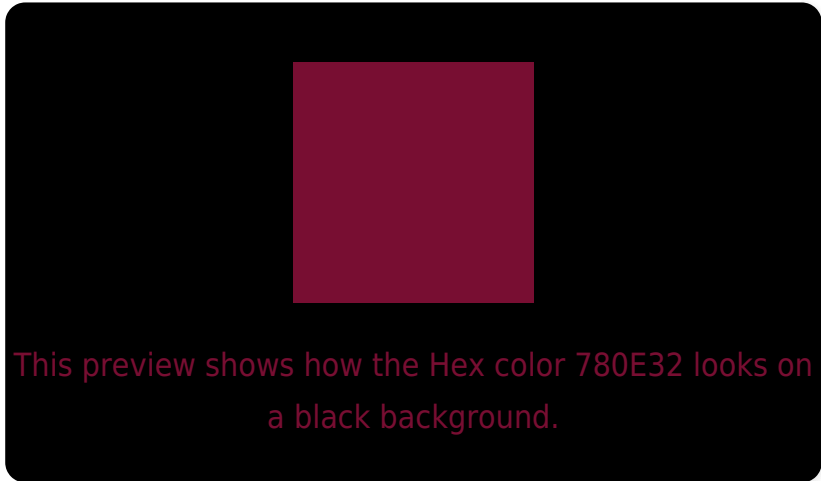
Large Text (above 18pt) WCAG AA ✓ Pass

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 780E32 Background



This preview shows how black text looks on a background with the Hex color 780E32.

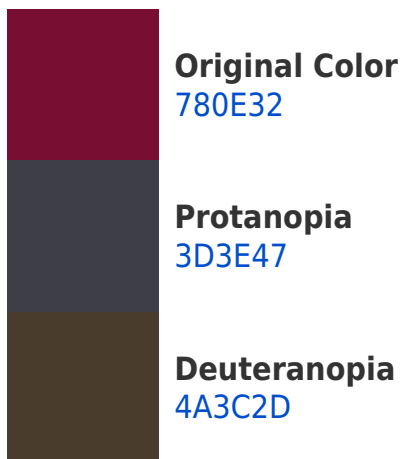


This preview shows how white text looks on a background with the Hex color 780E32.

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
771717

Trichromacy



Original Color
780E32

Protanomaly
522D3F

Deuteranomaly
5B2B2F

Tritanomaly
771421

Monochromacy



Original Color
780E32

Achromatopsia
323232

Achromatomaly
4B2532

CSS Examples

Text

The CSS property to change the color of the text to Hex 780E32 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 #780E32 looks like.

```
.text, #text, p{  
    color:#780E32  
}
```

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 #780E32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780E32  
}
```

Border

The CSS property to change the border of an element to Hex 780E32 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  
#780E32 }
```

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

```
.border{ border-color:#780E32 }
```

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

Here you see how a box with a 4 pixel #780E32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #780E32; -webkit-box-shadow:4px 4px  
4px 4px #780E32; box-shadow:4px 4px 4px  
4px #780E32 }
```

Background

The CSS property to change the background color of an element to Hex 780E32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780E32 }
```

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

```
.background{ background-color:#780E32 }
```

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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