

Converting Colors

Hex(78391E)

Have a look what the booklet for
Hex(78391E) contains.

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Color

Hex(78391E)

Conversions

Conversions Part 1

Format	Color
Hex	78391E
RGB	120, 57, 30
RGB Percent	47%, 22%, 12%
CMY	0.5294, 0.7765, 0.8824
CMYK	0.00, 0.53, 0.75, 0.53
HSL	18°, 60%, 29%
HSV	18°, 75%, 47%
XYZ	9.4432, 7.0131, 2.0842
YIQ	72.7590, 46.2150, 4.9590

Conversions

Conversions Part 2

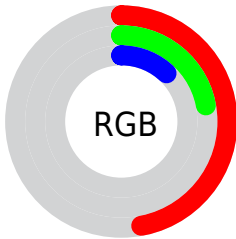
Format	Color
R_{YB}	120, 69, 30
Decimal	7878942
CIE _{Lab}	31.84, 25.39, 28.98
CIE _{LCh}	32, 38.523, 48.779
Yxy	7.0131, 0.5093, 0.3783
Android (android.graphics.Color)	4286069022 (0xFF78391E)
YUV	72.7590, -21.0802, 41.4304
Hunter-Lab	26.4822, 17.3069, 13.8712

Details

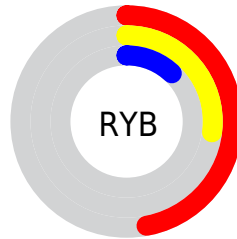
The Hex color **78391E** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1E5D78**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B1694B**, and **420B00** is the 20% darker color. If you saturate the color by 10%, you get **783112**, and if you desaturate by 10%, it is **78412A**.

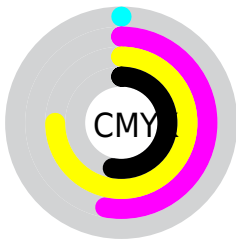
Distribution



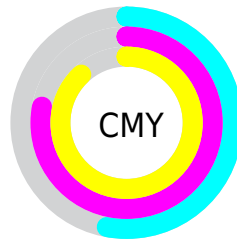
- Red (47%)
- Green (22%)
- Blue (12%)



- Red (47%)
- Yellow (27%)
- Blue (12%)



- Cyan (0%)
- Magenta (53%)
- Yellow (75%)
- Black (53%)



- Cyan (53%)
- Magenta (78%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78391E 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 78391E by changing the saturation by 10% instead.

 78391E

 78391E

FFFFFF

 5D2207

 B1694B

 420B00

 CE8363

 2A0000

 EB9D7D

 000000

 FFB997

 FFD4B1

 FFF1CD

 FFFFE9

 78391E

 78391E

■ 783112

■ 78412A

■ 782806

■ 784A36

■ 782400

■ 785242

■ 785B4E

■ 78635A

■ 786B66

■ 787472

■ 787C7E

■ 78858A

Harmonies

Analogous

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



812F39



78391E



644509

Triad

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



78391E



00593E



354884

Complementary

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



78391E



1E5D78

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.



005286



78391E



00595D

Square

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



78391E



235520



005778



643A73

Rectangle

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



78391E



524C06



005778



174B87

Sweetspot

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



78391E



9C8378



781E5D



4F4039



CFCFCF



4F4F4F

Same Dimension

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



78391E



9C3A10



78661E



3D3937



7D2500



FC4C00

Inverse Universe

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



1E5D78



10729C



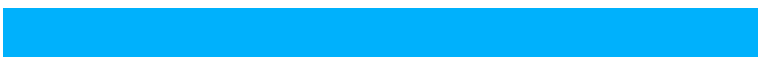
1E3078



373B3D



00577D



00B1FC

Previews

White Background



This preview shows how the Hex color 78391E looks on a white background.

Color Contrast Check

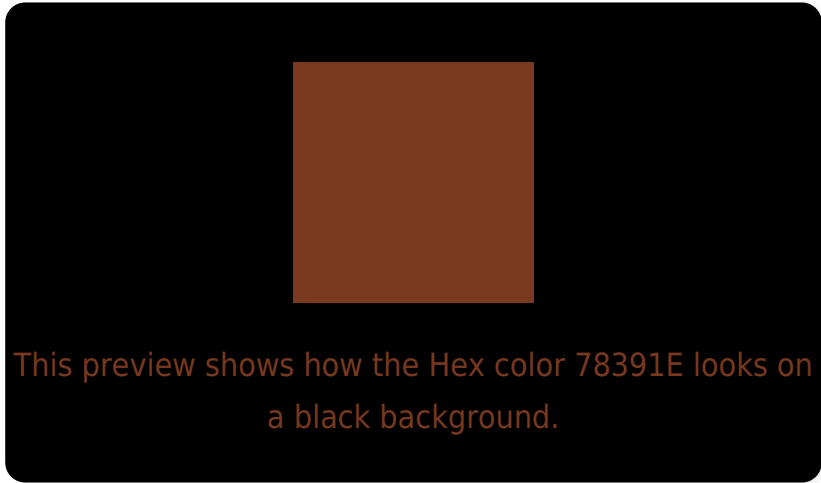
Large Text (above 18pt) WCAG AA ✓ Pass

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

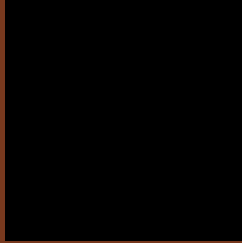
Any Text WCAG AA × Fail

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 78391E Background



This preview shows how black text looks on a background with the Hex color 78391E.



This preview shows how white text looks on a background with the Hex color 78391E.

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
78391E

Protanopia
544C24

Deuteranopia
5F481A



Tritanopia
79363A

Trichromacy



Original Color
78391E

Protanomaly
614522

Deuteranomaly
68431B

Tritanomaly
793730

Monochromacy



Original Color
78391E

Achromatopsia
494949

Achromatomaly
5A4339

CSS Examples

Text

The CSS property to change the color of the text to Hex 78391E 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 #78391E looks like.

```
.text, #text, p{  
    color:#78391E  
}
```

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 #78391E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78391E
}
```

Border

The CSS property to change the border of an element to Hex 78391E 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".

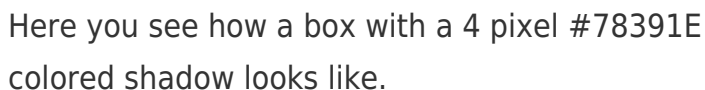
```
.border, #border, table{ border:4px solid
#78391E }
```

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

```
.border{ border-color:#78391E }
```

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

Here you see how a box with a 4 pixel #78391E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78391E; -webkit-box-shadow:4px 4px  
4px 4px #78391E; box-shadow:4px 4px 4px  
4px #78391E }
```

Background

The CSS property to change the background color of an element to Hex 78391E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78391E }
```

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

```
.background{ background-color:#78391E }
```

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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