

# Converting Colors

Hex(78911E)

Have a look what the booklet for  
Hex(78911E) contains.

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**Color**

**Hex(78911E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78911E
RGB	120, 145, 30
RGB Percent	47%, 57%, 12%
CMY	0.5294, 0.4314, 0.8824
CMYK	0.17, 0.00, 0.79, 0.43
HSL	73°, 66%, 34%
HSV	73°, 79%, 57%
XYZ	18.1055, 24.3376, 4.9717
YIQ	124.4150, 22.0150, -41.0650

# Conversions

## Conversions Part 2

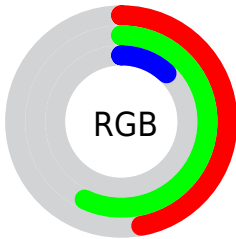
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 145, 55
Decimal	7901470
CIELab	56.42, -24.48, 53.39
CIELCh	56, 58.731, 114.636
Yxy	24.3376, 0.3819, 0.5133
Android (android.graphics.Color)	4286091550 (0xFF78911E)
YUV	124.4150, -46.5466, -3.8720
Hunter-Lab	49.3332, -20.8228, 28.5581

# Details

The Hex color **78911E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **371E91**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **AFC755**, and **435E00** is the 20% darker color. If you saturate the color by 10%, you get **759110**, and if you desaturate by 10%, it is **7B912D**.

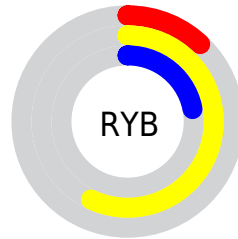
# Distribution



Red (47%)

Green (57%)

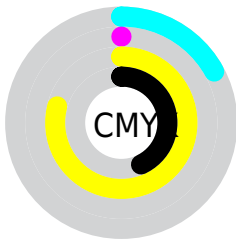
Blue (12%)



Red (12%)

Yellow (57%)

Blue (22%)

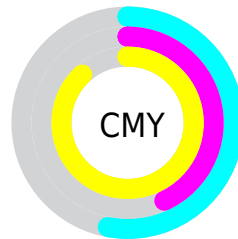


Cyan (17%)

Magenta (0%)

Yellow (79%)

Black (43%)



Cyan (53%)

Magenta (43%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78911E 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 78911E by changing the saturation by 10% instead.



 78911E

 78911E

FFFFFF

 5D7700

 AFC755

 435E00

 CCE36F

 2A4700

 E9FF8A

 0D3000

 FFFFA5

 001D00

 FFFFC1

 000000

 FFFFDE

 FFFFFB

 78911E

 78911E

■ 759110

■ 7B912D

■ 729101

■ 7E913B

■ 719100

■ 81914A

■ 859158

■ 889167

■ 8B9175

■ 8E9184

■ 919192

■ 9491A1

# Harmonies

## Analogous

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



A98212



78911E



309A49

# Triad

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



78911E



009BDA



DE5693

# Complementary

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



78911E



371E91

# 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.



BC67C3



78911E



0090ED

# Square

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



78911E



009FB1



767EE5



E25A60

# Rectangle

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



78911E



009E6A



767EE5



D65AA4



# Sweetspot

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



78911E



B3BD8F



91371E



585E43



DEDEDE



5E5E5E



# Same Dimension

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



78911E



96BD09



3F911E



464740



6A8700



060800



# Inverse Universe

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



371E91



3009BD



701E91



424047



1D0087



020008



# Previews

## White Background



This preview shows how the Hex color 78911E looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 78911E Background



This preview shows how black text looks on a background with the Hex color 78911E.



This preview shows how white text looks on a background with the Hex color 78911E.

# 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**  
78911E

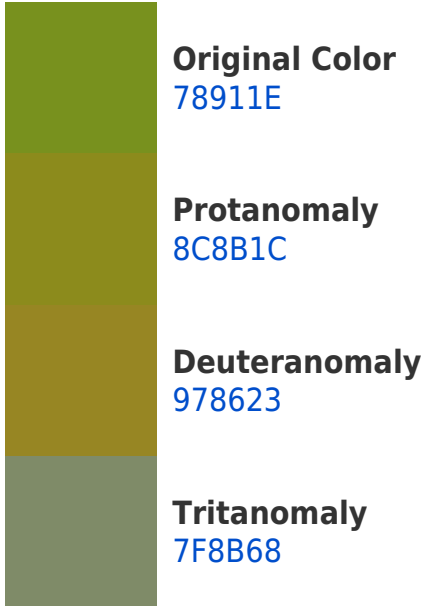
**Protanopia**  
98871B

**Deuteranopia**  
A98026



**Tritanopia**  
838792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78911E 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 #78911E looks like.

```
.text, #text, p{  
    color:#78911E  
}
```

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 #78911E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78911E
}
```

## Border

The CSS property to change the border of an element to Hex 78911E 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
#78911E }
```

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

```
.border{ border-color:#78911E }
```

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

Here you see how a box with a 4 pixel #78911E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78911E; -webkit-box-shadow:4px 4px  
4px 4px #78911E; box-shadow:4px 4px 4px  
4px #78911E }
```

# Background

The CSS property to change the background color of an element to Hex 78911E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78911E }
```

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

```
.background{ background-color:#78911E }
```

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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