

Converting Colors

Hex(38791E)

Have a look what the booklet for
Hex(38791E) contains.

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Color

Hex(38791E)

Conversions

Conversions Part 1

Format	Color
Hex	38791E
RGB	56, 121, 30
RGB Percent	22%, 47%, 12%
CMY	0.7804, 0.5255, 0.8824
CMYK	0.54, 0.00, 0.75, 0.53
HSL	103°, 60%, 30%
HSV	103°, 75%, 47%
XYZ	8.7026, 14.6092, 3.5895
YIQ	91.1910, -9.5290, -42.0810

Conversions

Conversions Part 2

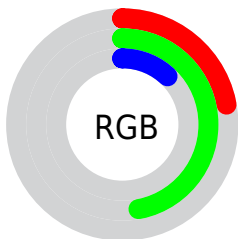
Format	Color
R_{YB}	30, 121, 95
Decimal	3701022
CIE _{Lab}	45.09, -37.98, 41.21
CIE _{LCh}	45, 56.039, 132.666
Yxy	14.6092, 0.3235, 0.5431
Android (android.graphics.Color)	4281891102 (0xFF38791E)
YUV	91.1910, -30.1672, -30.8625
Hunter-Lab	38.2220, -26.2467, 21.1874

Details


The Hex color **38791E** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5F1E79**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6EAE50**, and **004700** is the 20% darker color. If you saturate the color by 10%, you get **2F7912**, and if you desaturate by 10%, it is **41792A**.

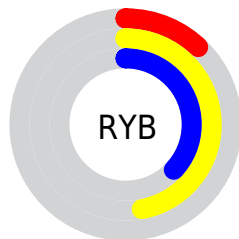
Distribution



 Red (22%)

 Green (47%)

 Blue (12%)




 Red (12%)

 Yellow (47%)

 Blue (37%)

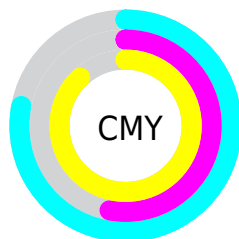



 Cyan (54%)


 Magenta (0%)

 Yellow (75%)

 Black (53%)



 Cyan (78%)

 Magenta (53%)

 Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38791E 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 38791E by changing the saturation by 10% instead.



38791E



38791E

FFFFFF



1B6000



6EAE50



004700



89CA6A



003000



A4E684



001A00



C1FF9F



000000



DFFFBA



FBFFD6



FFFFFF3



38791E



38791E

■ 2F7912

■ 41792A

■ 277906

■ 497936

■ 237900

■ 527942

■ 5B794E

■ 63795A

■ 6C7967

■ 747973

■ 7D797F

■ 86798B

Harmonies

Analogous

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



6E6F00



38791E



007E4D

Triad

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



38791E



0077C4



BE3A59

Complementary

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



38791E



5F1E79

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.



B03F88



38791E



1F6AC7

Square

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



38791E



007EA9



8555B0



B34A2D

Rectangle

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



38791E



00806E



8555B0



BC3969

Sweetspot

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



38791E



849E7A



795E1E



3F4F39



CFCFCF



4F4F4F

Same Dimension

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



38791E



389E10



1E7930



393D37



247D00



48FC00

Inverse Universe

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



5F1E79



75109E



791E67



3B373D



59007D



B400FC

Previews

White Background



This preview shows how the Hex color 38791E looks on a white background.

Color Contrast Check

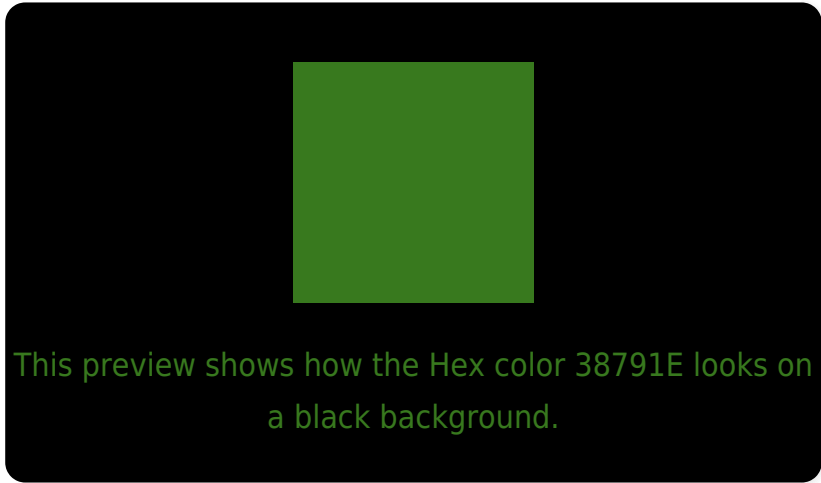
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 38791E Background



This preview shows how black text looks on a background with the Hex color 38791E.



This preview shows how white text looks on a background with the Hex color 38791E.

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
38791E

Protanopia
776A1A

Deuteranopia
856526



Tritanopia
49717A

Trichromacy



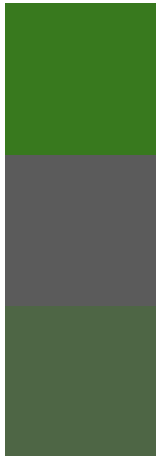
Original Color
38791E

Protanomaly
606F1B

Deuteranomaly
696C23

Tritanomaly
437459

Monochromacy



Original Color
38791E

Achromatopsia
5B5B5B

Achromatomaly
4E6645

CSS Examples

Text

The CSS property to change the color of the text to Hex 38791E 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 #38791E looks like.

```
.text, #text, p{  
    color:#38791E  
}
```

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 #38791E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38791E
}
```

Border

The CSS property to change the border of an element to Hex 38791E 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
#38791E }
```

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

```
.border{ border-color:#38791E }
```

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

Here you see how a box with a 4 pixel #38791E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38791E; -webkit-box-shadow:4px 4px  
4px 4px #38791E; box-shadow:4px 4px 4px  
4px #38791E }
```

Background

The CSS property to change the background color of an element to Hex 38791E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38791E }
```

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

```
.background{ background-color:#38791E }
```

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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