

# Converting Colors

Hex(60791E)

Have a look what the booklet for  
Hex(60791E) contains.

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**Color**

**Hex(60791E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60791E
RGB	96, 121, 30
RGB Percent	38%, 47%, 12%
CMY	0.6235, 0.5255, 0.8824
CMYK	0.21, 0.00, 0.75, 0.53
HSL	76°, 60%, 30%
HSV	76°, 75%, 47%
XYZ	11.8956, 16.2553, 3.7389
YIQ	103.1510, 14.3110, -33.6010

# Conversions

## Conversions Part 2

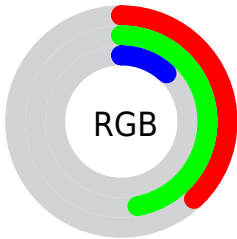
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 121, 55
Decimal	6322462
CIELab	47.31, -22.77, 44.14
CIELCh	47, 49.673, 117.290
Yxy	16.2553, 0.3730, 0.5097
Android (android.graphics.Color)	4284512542 (0xFF60791E)
YUV	103.1510, -36.0634, -6.2714
Hunter-Lab	40.3178, -17.8906, 22.7242

# Details

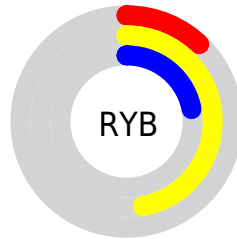
The Hex color **60791E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **371E79**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **95AD51**, and **2E4800** is the 20% darker color. If you saturate the color by 10%, you get **5D7912**, and if you desaturate by 10%, it is **63792A**.

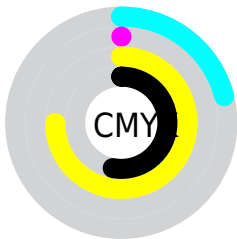
# Distribution



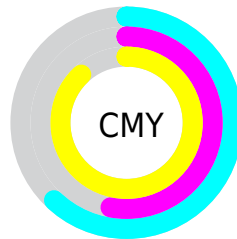
- Red (38%)
- Green (47%)
- Blue (12%)



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



- Cyan (21%)
- Magenta (0%)
- Yellow (75%)
- Black (53%)



- Cyan (62%)
- Magenta (53%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60791E 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 60791E by changing the saturation by 10% instead.



 60791E

 60791E

FFFFFF

 466000

 95AD51

 2E4800

 B1C96B

 143200

 CDE585

 001E00

 EAFFA0

 000000

 FFFFBB

 FFFFD7

 FFFFF4

 60791E

 60791E

■ 5D7912

■ 63792A

■ 597906

■ 677936

■ 587900

■ 6A7942

■ 6D794E

■ 71795A

■ 747967

■ 777973

■ 7B797F

■ 7E798B

# Harmonies

## Analogous

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



896D12



60791E



228041

# Triad

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



60791E



0080B6



B94876

# Complementary

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



60791E



371E79

# 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.



9F549E



60791E



0076C4

# Square

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



60791E



008495



6967BB



BA4D4C

# Rectangle

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



60791E



00835C



6967BB



B34B84



# Sweetspot

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



60791E



949E7A



79361E



494F39



CFCFCF



4F4F4F



# Same Dimension

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



60791E



779E10



33791E



3C3D37



5B7D00



B7FC00



# Inverse Universe

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



371E79



37109E



641E79



39373D



22007D



4500FC



# Previews

## White Background



This preview shows how the Hex color 60791E looks on a white background.

## Color Contrast Check

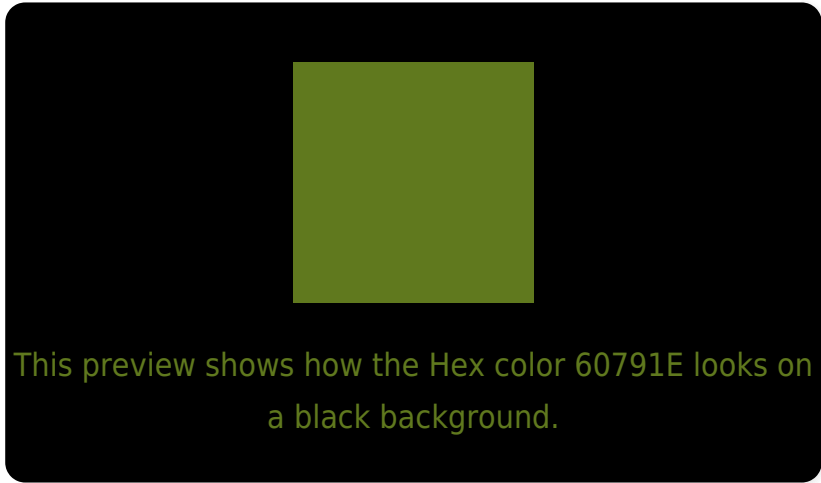
Large Text (above 18pt) WCAG AA ✓ Pass

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

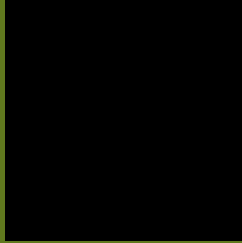
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 60791E Background



This preview shows how black text looks on a background with the Hex color 60791E.



This preview shows how white text looks on a background with the Hex color 60791E.

# 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**  
60791E

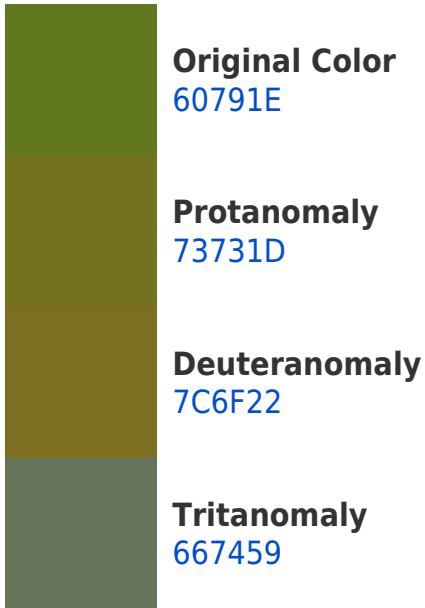
**Protanopia**  
7E701C

**Deuteranopia**  
8C6A24

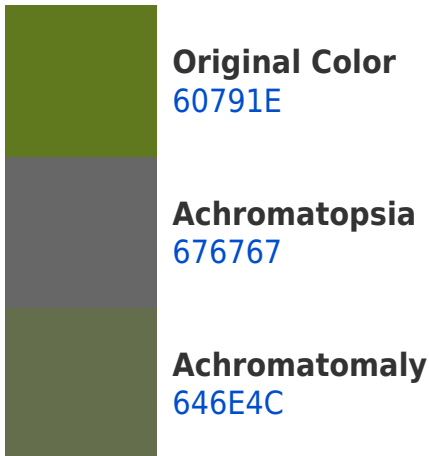


**Tritanopia**  
6A717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60791E 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 #60791E looks like.

```
.text, #text, p{  
    color:#60791E  
}
```

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 #60791E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60791E
}
```

## Border

The CSS property to change the border of an element to Hex 60791E 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
#60791E }
```

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

```
.border{ border-color:#60791E }
```

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

Here you see how a box with a 4 pixel #60791E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60791E; -webkit-box-shadow:4px 4px  
4px 4px #60791E; box-shadow:4px 4px 4px  
4px #60791E }
```

# Background

The CSS property to change the background color of an element to Hex 60791E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60791E }
```

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

```
.background{ background-color:#60791E }
```

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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