

# Converting Colors

Hex(7EA51C)

Have a look what the booklet for  
Hex(7EA51C) contains.

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**Color**

**Hex(7EA51C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EA51C
RGB	126, 165, 28
RGB Percent	49%, 65%, 11%
CMY	0.5059, 0.3529, 0.8902
CMYK	0.24, 0.00, 0.83, 0.35
HSL	77°, 71%, 38%
HSV	77°, 83%, 65%
XYZ	22.2689, 31.4297, 5.9915
YIQ	137.7210, 20.7330, -50.8750

# Conversions

## Conversions Part 2

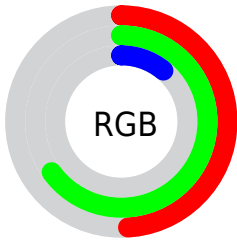
<b>Format</b>	<b>Color</b>
<b>RYB</b>	28, 165, 67
Decimal	8299804
CIELab	62.87, -31.71, 59.91
CIElCh	63, 67.784, 117.893
Yxy	31.4297, 0.3731, 0.5265
Android (android.graphics.Color)	4286489884 (0xFF7EA51C)
YUV	137.7210, -54.0925, -10.2793
Hunter-Lab	56.0622, -27.2055, 32.9071

# Details

The Hex color **7EA51C** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **431CA5**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B6DC56**, and **487100** is the 20% darker color. If you saturate the color by 10%, you get **79A50B**, and if you desaturate by 10%, it is **83A52C**.

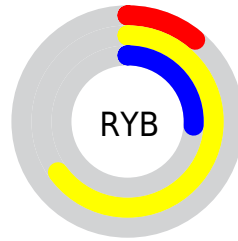
# Distribution



Red (49%)

Green (65%)

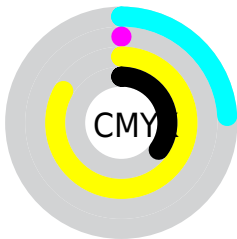
Blue (11%)



Red (11%)

Yellow (65%)

Blue (26%)

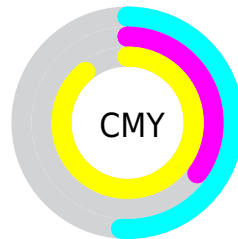


Cyan (24%)

Magenta (0%)

Yellow (83%)

Black (35%)



Cyan (51%)

Magenta (35%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EA51C 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 7EA51C by changing the saturation by 10% instead.



 7EA51C

 7EA51C

FFFFFF

 638B00

 B6DC56

 487100

 D3F972

 2D5800

 F0FF8D

 0D4100

 FFFFA9

 002A00

 FFFFC5

 001200

 FFFFE2

 000000

 7EA51C

 7EA51C

 79A50B

 83A52C

■ 76A500

■ 87A53D

■ 8CA54D

■ 91A55E

■ 95A56E

■ 9AA57F

■ 9FA58F

■ A4A5A0

■ A8A5B0

# Harmonies

## Analogous

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



B99400



7EA51C



0FAF54

# Triad

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



7EA51C



00AEFE



FF5B9F

# Complementary

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



7EA51C



431CA5

# 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.



DC6ED9



7EA51C



00A1FF

# Square

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



7EA51C



00B4CF



8E8AFF



FF6363

# Rectangle

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



7EA51C



00B37D



8E8AFF



F85FB3



# Sweetspot

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



7EA51C



C7D6A1



A5431C



626B4B



EBEBEB



6B6B6B



# Same Dimension

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



7EA51C



99D600



3AA51C



4F5249



689100



0D1200



# Inverse Universe

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



431CA5



3D00D6



871CA5



4C4952



290091



050012



# Previews

## White Background



This preview shows how the Hex color 7EA51C looks on a white background.

## Color Contrast Check

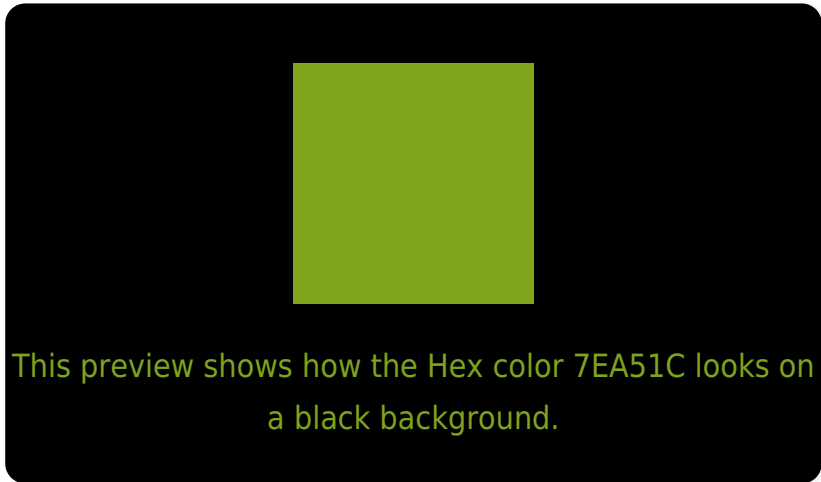
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



## Hex 7EA51C Background



This preview shows how black text looks on a background with the Hex color 7EA51C.



This preview shows how white text looks on a background with the Hex color 7EA51C.

# 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**  
7EA51C

**Protanopia**  
AB9818

**Deuteranopia**  
BF9028

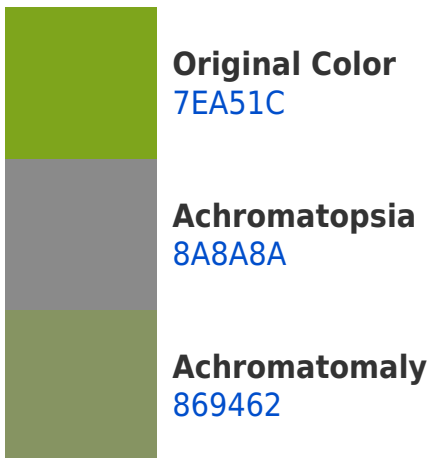


**Tritanopia**  
8C9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EA51C 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 #7EA51C looks like.

```
.text, #text, p{  
    color:#7EA51C  
}
```

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 #7EA51C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EA51C
}
```

## Border

The CSS property to change the border of an element to Hex 7EA51C 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
#7EA51C }
```

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

```
.border{ border-color:#7EA51C }
```

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

Here you see how a box with a 4 pixel #7EA51C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EA51C; -webkit-box-shadow:4px 4px  
4px 4px #7EA51C; box-shadow:4px 4px 4px  
4px #7EA51C }
```

# Background

The CSS property to change the background color of an element to Hex 7EA51C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EA51C }
```

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

```
.background{ background-color:#7EA51C }
```

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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