

# Converting Colors

Hex(7C9813)

Have a look what the booklet for  
Hex(7C9813) contains.

<b>Hex(7C9813)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7C9813)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C9813
RGB	124, 152, 19
RGB Percent	49%, 60%, 7%
CMY	0.5137, 0.4039, 0.9255
CMYK	0.18, 0.00, 0.88, 0.40
HSL	73°, 78%, 34%
HSV	73°, 88%, 60%
XYZ	19.6580, 26.7886, 4.7507
YIQ	128.4660, 26.0050, -47.2990

# Conversions

## Conversions Part 2

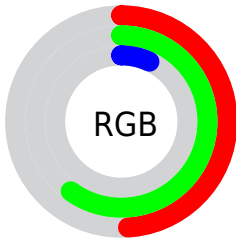
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 152, 47
Decimal	8165395
CIELab	58.78, -26.63, 58.52
CIElCh	59, 64.293, 114.468
Yxy	26.7886, 0.3840, 0.5232
Android (android.graphics.Color)	4286355475 (0xFF7C9813)
YUV	128.4660, -53.9667, -3.9167
Hunter-Lab	51.7577, -22.7803, 30.7883

# Details

The Hex color **7C9813** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2F1398**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B4CE4F**, and **466500** is the 20% darker color. If you saturate the color by 10%, you get **799804**, and if you desaturate by 10%, it is **7F9822**.

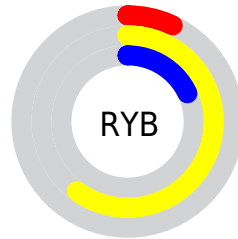
# Distribution



Red (49%)

Green (60%)

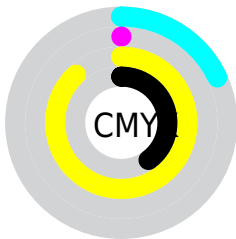
Blue (7%)



Red (7%)

Yellow (60%)

Blue (18%)

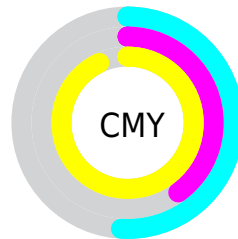


Cyan (18%)

Magenta (0%)

Yellow (88%)

Black (40%)



Cyan (51%)

Magenta (40%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C9813 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 7C9813 by changing the saturation by 10% instead.



 7C9813

 7C9813

FFFFFF

 617E00

 B4CE4F

 466500

 D1EB6A

 2C4D00

 EEFF85

 0F3600

 FFFFA1

 002200

 FFFFBD

 000000

 FFFFDA

 FFFFF7

 7C9813

 7C9813

■ 799804

■ 7F9822

■ 789800

■ 829831

■ 869841

■ 899850

■ 8C985F

■ 8F986E

■ 92987D

■ 96988D

■ 99989C

# Harmonies

## Analogous

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



B28700



7C9813



28A248

# Triad

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



7C9813



00A3E9



EC559A

# Complementary

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



7C9813



2F1398

# 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.



C769D0



7C9813



0097FE

# Square

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



7C9813



00A7BB



7883F5



F15A62

# Rectangle

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



7C9813



00A66D



7883F5



E45AAD



# Sweetspot

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



7C9813



BAC491



982E13



5D6345



E3E3E3



636363



# Same Dimension

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



7C9813



9BC400



3B9813



4B4D45



6F8C00



0A0D00



# Inverse Universe

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



2F1398



2900C4



701398



46454D



1E008C



03000D



# Previews

## White Background



This preview shows how the Hex color 7C9813 looks on a white background.

## Color Contrast Check

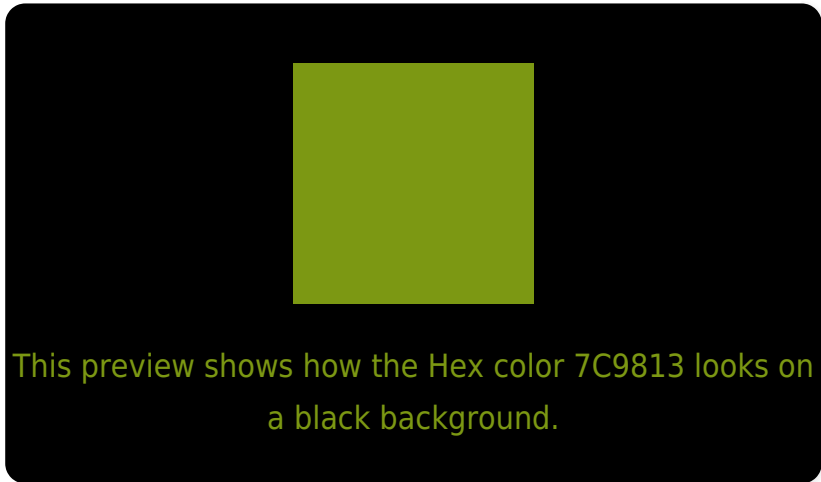
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C9813 Background



This preview shows how black text looks on a background with the Hex color 7C9813.



This preview shows how white text looks on a background with the Hex color 7C9813.

# 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**  
7C9813

**Protanopia**  
9F8D0F

**Deuteranopia**  
B28620



**Tritanopia**  
888D99

# Trichromacy



**Original Color**  
7C9813

**Protanomaly**  
929110

**Deuteranomaly**  
9E8D1B

**Tritanomaly**  
849168

# Monochromacy



**Original Color**  
7C9813

**Achromatopsia**  
808080

**Achromatomaly**  
7F8958

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C9813 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 #7C9813 looks like.

```
.text, #text, p{  
    color:#7C9813  
}
```

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 #7C9813 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C9813
}
```

## Border

The CSS property to change the border of an element to Hex 7C9813 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
#7C9813 }
```

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

```
.border{ border-color:#7C9813 }
```

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

Here you see how a box with a 4 pixel #7C9813 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C9813; -webkit-box-shadow:4px 4px  
4px 4px #7C9813; box-shadow:4px 4px 4px  
4px #7C9813 }
```

# Background

The CSS property to change the background color of an element to Hex 7C9813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C9813 }
```

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

```
.background{ background-color:#7C9813 }
```

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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