

# Converting Colors

Hex(7F9822)

Have a look what the booklet for  
Hex(7F9822) contains.

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**Color**

**Hex(7F9822)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F9822
RGB	127, 152, 34
RGB Percent	50%, 60%, 13%
CMY	0.5020, 0.4039, 0.8667
CMYK	0.16, 0.00, 0.78, 0.40
HSL	73°, 63%, 36%
HSV	73°, 78%, 60%
XYZ	20.2694, 27.0840, 5.6728
YIQ	131.0730, 22.9780, -41.9980

# Conversions

## Conversions Part 2

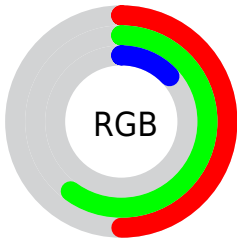
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 152, 59
Decimal	8362018
CIE Lab	59.05, -24.78, 54.70
CIE LCh	59, 60.051, 114.367
Yxy	27.0840, 0.3823, 0.5108
Android (android.graphics.Color)	4286552098 (0xFF7F9822)
YUV	131.0730, -47.8570, -3.5720
Hunter-Lab	52.0423, -21.5520, 29.9668

# Details

The Hex color **7F9822** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3B2298**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B7CE59**, and **4A6500** is the 20% darker color. If you saturate the color by 10%, you get **7C9813**, and if you desaturate by 10%, it is **829831**.

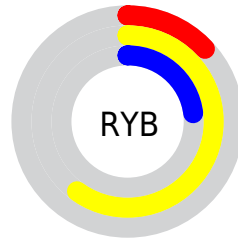
# Distribution



Red (50%)

Green (60%)

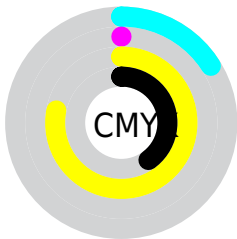
Blue (13%)



Red (13%)

Yellow (60%)

Blue (23%)

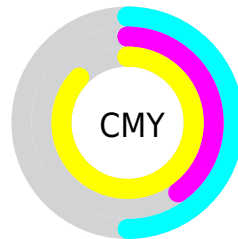


Cyan (16%)

Magenta (0%)

Yellow (78%)

Black (40%)



Cyan (50%)

Magenta (40%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F9822 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 7F9822 by changing the saturation by 10% instead.





7F9822



7F9822

FFFFFF



647E00



B7CE59



4A6500



D3EB73



304D00



F1FF8E



143600



FFFFAA



002100



FFFFC6



000000



FFFFE3



7F9822



7F9822



7C9813



829831

 799804

 859840

 789800

 899850

 8C985F

 8F986E

 92987D

 96988C

 99989C

 9C98AB

# Harmonies

## Analogous

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



B18817



7F9822



36A24D

# Triad

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



7F9822



00A2E3



E75C9A

# Complementary

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



7F9822



3B2298

# 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.



C46DCC



7F9822



0097F7

# Square

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



7F9822



00A7B8



7C84EF



EC6066

# Rectangle

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



7F9822



00A570



7C84EF



DF60AC



# Sweetspot

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



7F9822



BBC497



983A22



5E6348



E3E3E3



636363



# Same Dimension

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



7F9822



9EC40E



459822



4B4D45



6F8C00



0A0D00



# Inverse Universe

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



3B2298



340EC4



752298



46454D



1E008C



03000D



# Previews

## White Background



This preview shows how the Hex color 7F9822 looks on a white background.

## Color Contrast Check

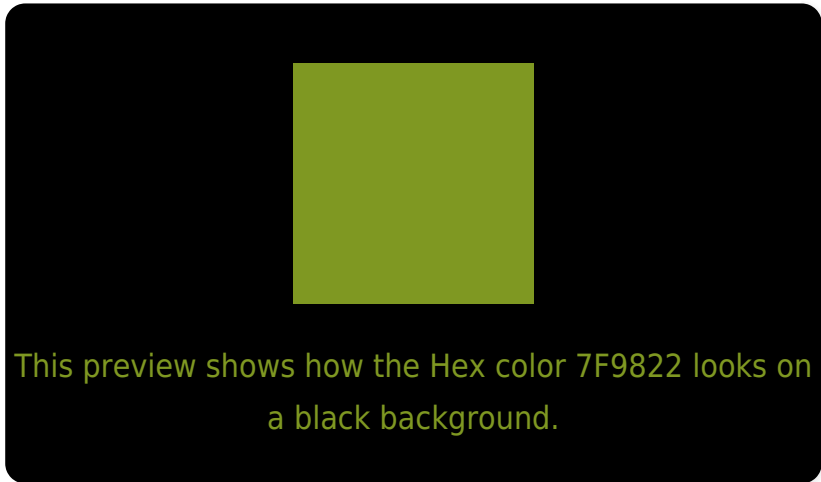
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F9822 Background



This preview shows how black text looks on a background with the Hex color 7F9822.



This preview shows how white text looks on a background with the Hex color 7F9822.

# 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](#).

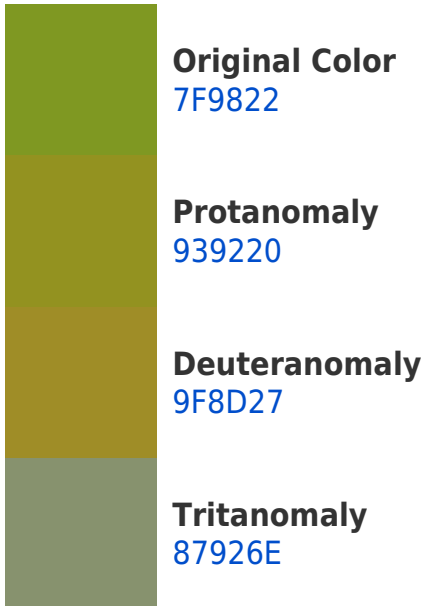
## Dichromacy



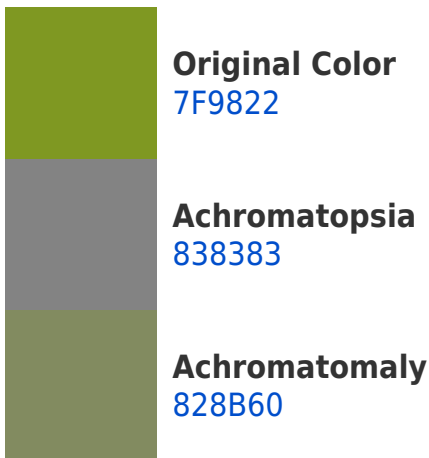


**Tritanopia**  
8B8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F9822 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 #7F9822 looks like.

```
.text, #text, p{  
    color:#7F9822  
}
```

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 #7F9822 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9822
}
```

## Border

The CSS property to change the border of an element to Hex 7F9822 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
#7F9822 }
```

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

```
.border{ border-color:#7F9822 }
```

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

Here you see how a box with a 4 pixel #7F9822 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9822; -webkit-box-shadow:4px 4px  
4px 4px #7F9822; box-shadow:4px 4px 4px  
4px #7F9822 }
```

# Background

The CSS property to change the background color of an element to Hex 7F9822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9822 }
```

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

```
.background{ background-color:#7F9822 }
```

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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