

# Converting Colors

Hex(7F9400)

Have a look what the booklet for  
Hex(7F9400) contains.

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**Color**

**Hex(7F9400)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 7F9400                      |
| RGB         | 127, 148, 0                 |
| RGB Percent | 50%, 58%, 0%                |
| CMY         | 0.5020, 0.4196, 1.0000      |
| CMYK        | 0.14, 0.00, 1.00, 0.42      |
| HSL         | 69°, 100%, 29%              |
| HSV         | 69°, 100%, 58%              |
| XYZ         | 19.3423, 25.6918, 3.9396    |
| YIQ         | 124.8490, 34.9920, -50.4800 |

# Conversions

## Conversions Part 2

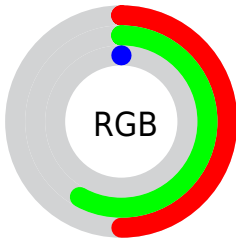
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 0, 148, 21                    |
| Decimal                             | 8360960                       |
| CIELab                              | 57.74, -23.76, 60.99          |
| CIELCh                              | 58, 65.459, 111.284           |
| Yxy                                 | 25.6918, 0.3950,<br>0.5246    |
| Android<br>(android.graphics.Color) | 4286551040<br>(0xFF7F9400)    |
| YUV                                 | 124.8490, -61.5506,<br>1.8864 |
| Hunter-Lab                          | 50.6871, -20.5865,<br>30.8728 |

# Details

The Hex color **7F9400** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **150094**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B7CA47**, and **496100** is the 20% darker color. If you saturate the color by 10%, you get **7F9400**, and if you desaturate by 10%, it is **81940F**.

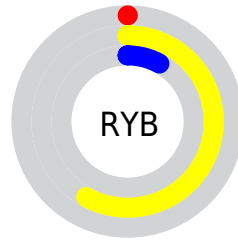
# Distribution



Red (50%)

Green (58%)

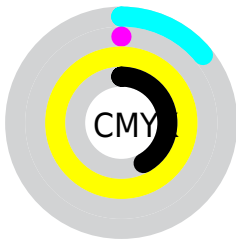
Blue (0%)



Red (0%)

Yellow (58%)

Blue (8%)

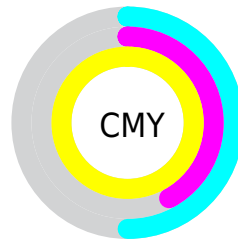


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (50%)

Magenta (42%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F9400 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 7F9400 by changing the saturation by 10% instead.



 7F9400

 7F9400

FFFFFF

 647A00

 B7CA47

 496100

 D4E662

 2E4A00

 F2FF7D

 133300

 FFFF99

 001F00

 FFFFB5

 000000

 FFFFD1

 FFFFEE

 7F9400

 81940F

 83941E

 85942C

 87943B

 8A944A

 8C9459

 8E9468

 909476

 929485

# Harmonies

## Analogous

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



B48200



7F9400



309F3E

# Triad

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



7F9400



00A1E3



E8529E

# Complementary

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



7F9400



150094

# 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.



BF68D3



7F9400



0096FC

# Square

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



7F9400



00A5B3



6783F6



F05365

# Rectangle

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



7F9400



00A364



6783F6



DF58B1



# Sweetspot

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



7F9400



B7BF86



941400



5C613E



E0E0E0



616161



# Same Dimension

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



7F9400



A4BF00



369400



494A43



768A00



090A00



# Inverse Universe

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



150094



1B00BF



5E0094



44434A



14008A



01000A



# Previews

## White Background



This preview shows how the Hex color 7F9400 looks on a white background.

## Color Contrast Check

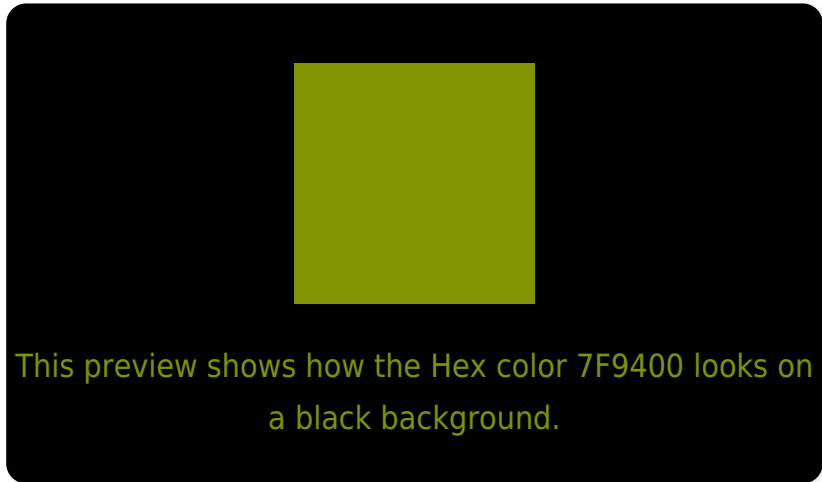
Large Text (above 18pt) WCAG AA ✓ Pass

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

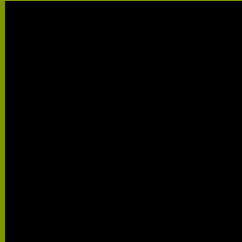
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F9400 Background



This preview shows how black text looks on a background with the Hex color 7F9400.



This preview shows how white text looks on a background with the Hex color 7F9400.

# 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**  
7F9400

**Protanopia**  
9C8B00

**Deuteranopia**  
AF831A



**Tritanopia**  
8B8A94

# Trichromacy



**Original Color**  
7F9400

**Protanomaly**  
918E00

**Deuteranomaly**  
9E8911

**Tritanomaly**  
878E5E

# Monochromacy



**Original Color**  
7F9400

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7E8550

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F9400 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 #7F9400 looks like.

```
.text, #text, p{  
    color:#7F9400  
}
```

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 #7F9400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9400
}
```

## Border

The CSS property to change the border of an element to Hex 7F9400 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
#7F9400 }
```

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

```
.border{ border-color:#7F9400 }
```

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

Here you see how a box with a 4 pixel #7F9400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9400; -webkit-box-shadow:4px 4px  
4px 4px #7F9400; box-shadow:4px 4px 4px  
4px #7F9400 }
```

# Background

The CSS property to change the background color of an element to Hex 7F9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9400 }
```

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

```
.background{ background-color:#7F9400 }
```

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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