

Converting Colors

Hex(7A7A1F)

Have a look what the booklet for
Hex(7A7A1F) contains.

Hex(7A7A1F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7A7A1F)

Conversions

Conversions Part 1

Format	Color
Hex	7A7A1F
RGB	122, 122, 31
RGB Percent	48%, 48%, 12%
CMY	0.5216, 0.5216, 0.8784
CMYK	0.00, 0.00, 0.75, 0.52
HSL	60°, 59%, 30%
HSV	60°, 75%, 48%
XYZ	15.2329, 18.1556, 3.9978
YIQ	111.6260, 29.2110, -28.3010

Conversions

Conversions Part 2

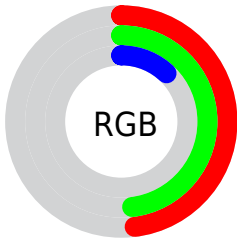
Format	Color
RYB	31, 122, 31
Decimal	8026655
CIELab	49.68, -11.53, 46.77
CIELCh	50, 48.175, 103.846
Yxy	18.1556, 0.4074, 0.4856
Android (android.graphics.Color)	4286216735 (0xFF7A7A1F)
YUV	111.6260, -39.7486, 9.0980
Hunter-Lab	42.6094, -10.7524, 24.2636

Details

The Hex color **7A7A1F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1F1F7A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B1AE52**, and **464A00** is the 20% darker color. If you saturate the color by 10%, you get **7A7A13**, and if you desaturate by 10%, it is **7A7A2B**.

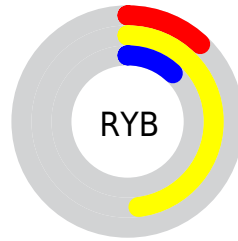
Distribution



Red (48%)

Green (48%)

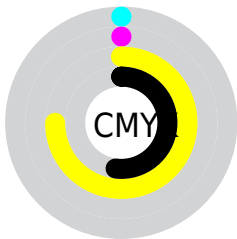
Blue (12%)



Red (12%)

Yellow (48%)

Blue (12%)

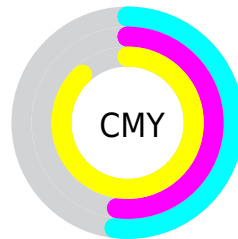


Cyan (0%)

Magenta (0%)

Yellow (75%)

Black (52%)



Cyan (52%)

Magenta (52%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7A1F 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 7A7A1F by changing the saturation by 10% instead.



7A7A1F



7A7A1F

FFFFFF



606100



B1AE52



464A00



CDCA6C



2D3300



EAE686



141E00



FFFFA1



000000



FFFFBD



FFFFD9



FFFFF6



7A7A1F



7A7A1F

■ 7A7A13

■ 7A7A2B

■ 7A7A07

■ 7A7A37

■ 7A7A00

■ 7A7A44

■ 7A7A50

■ 7A7A5C

■ 7A7A68

■ 7A7A74

■ 7A7A81

■ 7A7A8D

Harmonies

Analogous

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



9E6C24



7A7A1F



4C8338

Triad

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



7A7A1F



0088AE



B5548E

Complementary

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



7A7A1F



1F1F7A

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.



9163B2



7A7A1F



0081C5

Square

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



7A7A1F



008A88



4C74C6



C15165

Rectangle

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



7A7A1F



168750



4C74C6



AC589B

Sweetspot

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



7A7A1F



9E9E7B



7A1F1F



4F4F3A



CFCFCF



4F4F4F

Same Dimension

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



7A7A1F



9E9E10



4D7A1F



3D3D37



7D7D00



FCFC00

Inverse Universe

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



1F1F7A



10109E



4D1F7A



37373D



00007D



0000FC

Previews

White Background



This preview shows how the Hex color 7A7A1F 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

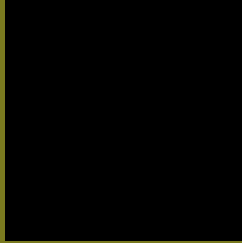
Any Text WCAG AA ✓ Pass

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 7A7A1F Background



This preview shows how black text looks on a background with the Hex color 7A7A1F.



This preview shows how white text looks on a background with the Hex color 7A7A1F.

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

7A7A1F

Protanopia

85761E

Deuteranopia

947023



Tritanopia
82727B

Trichromacy



Original Color
7A7A1F

Protanomaly
81771E

Deuteranomaly
8B7422

Tritanomaly
7F755A

Monochromacy



Original Color
7A7A1F

Achromatopsia
707070

Achromatomaly
747453

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7A1F 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 #7A7A1F looks like.

```
.text, #text, p{  
    color:#7A7A1F  
}
```

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 #7A7A1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7A1F
}
```

Border

The CSS property to change the border of an element to Hex 7A7A1F 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
#7A7A1F }
```

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

```
.border{ border-color:#7A7A1F }
```

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

Here you see how a box with a 4 pixel #7A7A1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7A1F; -webkit-box-shadow:4px 4px  
4px 4px #7A7A1F; box-shadow:4px 4px 4px  
4px #7A7A1F }
```

Background

The CSS property to change the background color of an element to Hex 7A7A1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7A1F }
```

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

```
.background{ background-color:#7A7A1F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor