

# Converting Colors

Hex(79741F)

Have a look what the booklet for  
Hex(79741F) contains.

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**Color**

**Hex(79741F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79741F
RGB	121, 116, 31
RGB Percent	47%, 45%, 12%
CMY	0.5255, 0.5451, 0.8784
CMYK	0.00, 0.04, 0.74, 0.53
HSL	57°, 59%, 30%
HSV	57°, 74%, 47%
XYZ	14.3779, 16.6547, 3.7532
YIQ	107.8050, 30.2650, -25.3750

# Conversions

## Conversions Part 2

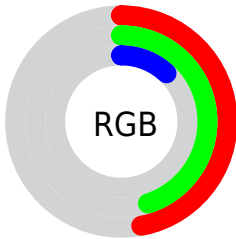
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 121, 31
Decimal	7959583
CIE <sub>Lab</sub>	47.82, -8.68, 44.95
CIE <sub>LCh</sub>	48, 45.779, 100.932
Yxy	16.6547, 0.4133, 0.4788
Android (android.graphics.Color)	4286149663 (0xFF79741F)
YUV	107.8050, -37.8649, 11.5720
Hunter-Lab	40.8101, -8.5301, 23.1143

# Details

The Hex color **79741F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1F2479**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B0A852**, and **454400** is the 20% darker color. If you saturate the color by 10%, you get **797313**, and if you desaturate by 10%, it is **79752B**.

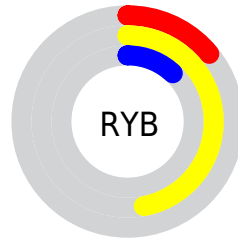
# Distribution



Red (47%)

Green (45%)

Blue (12%)



Red (14%)

Yellow (47%)

Blue (12%)

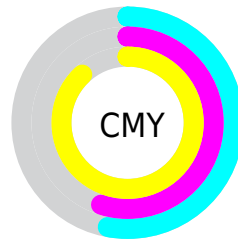


Cyan (0%)

Magenta (4%)

Yellow (74%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79741F 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 79741F by changing the saturation by 10% instead.





79741F



79741F

FFFFFF



5F5C00



B0A852



454400



CCC36B



2C2E00



E9DF85



131A00



FFFBA0



000000



FFFFBC



FFFFD8



FFFFF5



79741F



79741F

■ 797313

■ 79752B

■ 797307

■ 797537

■ 797200

■ 797643

■ 79774F

■ 79775B

■ 797868

■ 797974

■ 797980

■ 797A8C

# Harmonies

## Analogous

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



9A6726



79741F



4F7D34

# Triad

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



79741F



0083A3



AB538C

# Complementary

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



79741F



1F2479

# 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.



8661AC



79741F



007CBA

# Square

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



79741F



00847F



4271BD



B84E65

# Rectangle

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



79741F



25814A



4271BD



A15798



# Sweetspot

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



79741F



9E9C7B



791F25



4F4E3A



CFCFCF



4F4F4F



# Same Dimension

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



79741F



9E9611



52791F



3D3D37



7D7600



FC EE00



# Inverse Universe

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



1F2479



11199E



461F79



37373D



00077D



000EFC



# Previews

## White Background



This preview shows how the Hex color 79741F looks on a white background.

## Color Contrast Check

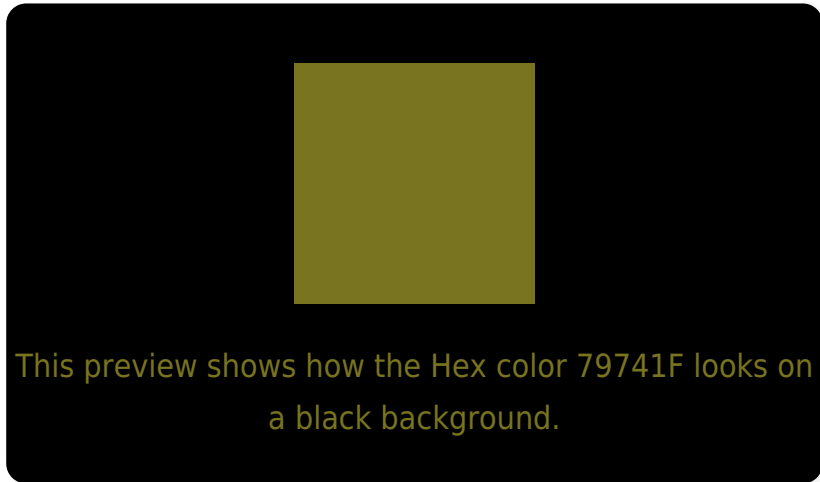
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

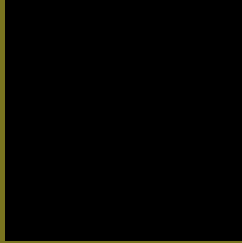
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 79741F Background



This preview shows how black text looks on a background with the Hex color 79741F.



This preview shows how white text looks on a background with the Hex color 79741F.

# 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**  
79741F

**Protanopia**  
7F721E

**Deuteranopia**  
8E6C22



**Tritanopia**  
806C75

# Trichromacy



**Original Color**  
79741F

**Protanomaly**  
7D731E

**Deuteranomaly**  
866F21

**Tritanomaly**  
7D6F56

# Monochromacy



**Original Color**  
79741F

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
716F50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79741F 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 #79741F looks like.

```
.text, #text, p{  
    color:#79741F  
}
```

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 #79741F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79741F
}
```

## Border

The CSS property to change the border of an element to Hex 79741F 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
#79741F }
```

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

```
.border{ border-color:#79741F }
```

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

Here you see how a box with a 4 pixel #79741F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79741F; -webkit-box-shadow:4px 4px  
4px 4px #79741F; box-shadow:4px 4px 4px  
4px #79741F }
```

# Background

The CSS property to change the background color of an element to Hex 79741F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79741F }
```

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

```
.background{ background-color:#79741F }
```

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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