

# Converting Colors

Hex(79701F)

Have a look what the booklet for  
Hex(79701F) contains.

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**Color**

**Hex(79701F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79701F
RGB	121, 112, 31
RGB Percent	47%, 44%, 12%
CMY	0.5255, 0.5608, 0.8784
CMYK	0.00, 0.07, 0.74, 0.53
HSL	54°, 59%, 30%
HSV	54°, 74%, 47%
XYZ	13.9267, 15.7522, 3.6028
YIQ	105.4570, 31.3650, -23.2830

# Conversions

## Conversions Part 2

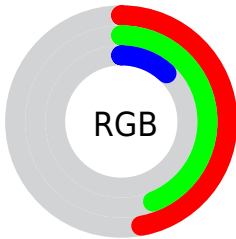
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 121, 31
Decimal	7958559
CIE <sub>Lab</sub>	46.65, -6.44, 43.81
CIE <sub>LCh</sub>	47, 44.276, 98.359
Yxy	15.7522, 0.4184, 0.4733
Android (android.graphics.Color)	4286148639 (0xFF79701F)
YUV	105.4570, -36.7073, 13.6312
Hunter-Lab	39.6891, -6.8213, 22.4003

# Details

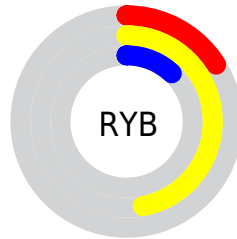
The Hex color **79701F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1F2879**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B0A351**, and **464100** is the 20% darker color. If you saturate the color by 10%, you get **796F13**, and if you desaturate by 10%, it is **79712B**.

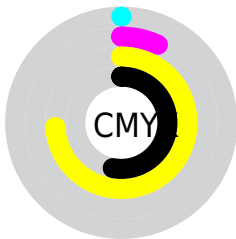
# Distribution



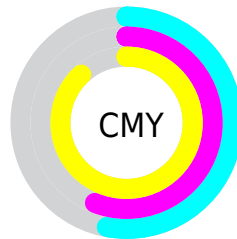
- Red (47%)
- Green (44%)
- Blue (12%)



- Red (16%)
- Yellow (47%)
- Blue (12%)



- Cyan (0%)
- Magenta (7%)
- Yellow (74%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79701F 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 79701F by changing the saturation by 10% instead.



 79701F

 79701F

FFFFFF

 5F5801

 B0A351

 464100

 CCBE6B

 2C2B00

 E9DA85

 121700

 FFF7A0

 000000

 FFFFBB

 FFFFD7

 FFFFF4

 79701F

 79701F

■ 796F13

■ 79712B

■ 796E07

■ 797237

■ 796D00

■ 797443

■ 79754F

■ 79765B

■ 797768

■ 797874

■ 797A80

■ 797B8C

# Harmonies

## Analogous

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



986328



79701F



517931

# Triad

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



79701F



007F9C



A4528B

# Complementary

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



79701F



1F2879

# 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.



7E60A9



79701F



007AB3

# Square

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



79701F



008178



396FB8



B34D66

# Rectangle

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



79701F



2C7D46



396FB8



9A5696



# Sweetspot

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



79701F



9E9B7B



791F28



4F4D3A



CFCFCF



4F4F4F



# Same Dimension

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



79701F



9E9011



55791F



3D3D37



7D7000



FCE300



# Inverse Universe

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



1F2879



111F9E



431F79



37383D



000C7D



0019FC



# Previews

## White Background



This preview shows how the Hex color 79701F looks on a white background.

## Color Contrast Check

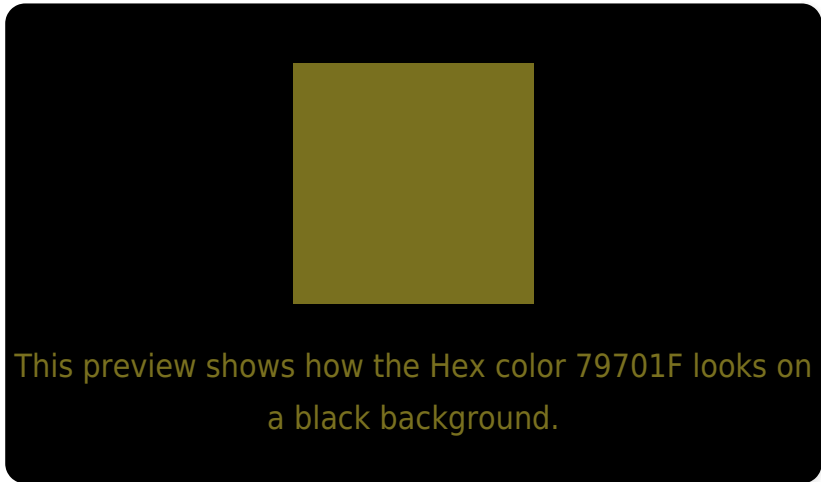
Large Text (above 18pt) WCAG AA ✓ Pass

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 79701F Background



This preview shows how black text looks on a background with the Hex color 79701F.



This preview shows how white text looks on a background with the Hex color 79701F.

# 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**  
79701F

**Protanopia**  
7C6F1F

**Deuteranopia**  
8B6922



**Tritanopia**  
7F6971

# Trichromacy



**Original Color**  
79701F

**Protanomaly**  
7B6F1F

**Deuteranomaly**  
846C21

**Tritanomaly**  
7D6C53

# Monochromacy



**Original Color**  
79701F

**Achromatopsia**  
696969

**Achromatomaly**  
6F6C4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79701F 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 #79701F looks like.

```
.text, #text, p{  
    color:#79701F  
}
```

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 #79701F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79701F
}
```

## Border

The CSS property to change the border of an element to Hex 79701F 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
#79701F }
```

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

```
.border{ border-color:#79701F }
```

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

Here you see how a box with a 4 pixel #79701F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79701F; -webkit-box-shadow:4px 4px  
4px 4px #79701F; box-shadow:4px 4px 4px  
4px #79701F }
```

# Background

The CSS property to change the background color of an element to Hex 79701F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79701F }
```

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

```
.background{ background-color:#79701F }
```

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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