

# Converting Colors

Hex(79501F)

Have a look what the booklet for  
Hex(79501F) contains.

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# Color

**Hex(79501F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79501F
RGB	121, 80, 31
RGB Percent	47%, 31%, 12%
CMY	0.5255, 0.6863, 0.8784
CMYK	0.00, 0.34, 0.74, 0.53
HSL	33°, 59%, 30%
HSV	33°, 74%, 47%
XYZ	11.0011, 9.9012, 2.6276
YIQ	86.6730, 40.1650, -6.5470

# Conversions

## Conversions Part 2

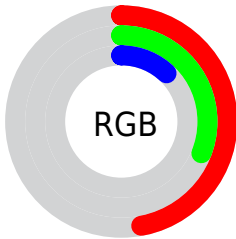
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 121, 31
Decimal	7950367
CIE Lab	37.66, 12.36, 34.73
CIE LCh	38, 36.862, 70.412
Yxy	9.9012, 0.4675, 0.4208
Android (android.graphics.Color)	4286140447 (0xFF79501F)
YUV	86.6730, -27.4468, 30.1048
Hunter-Lab	31.4662, 7.3410, 17.0752

# Details

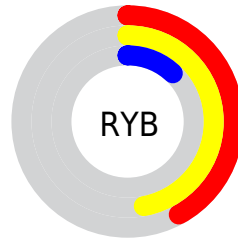
The Hex color **79501F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1F4879**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B1814E**, and **442300** is the 20% darker color. If you saturate the color by 10%, you get **794A13**, and if you desaturate by 10%, it is **79562B**.

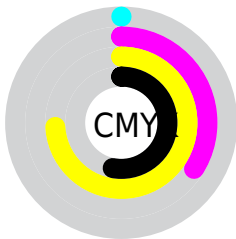
# Distribution



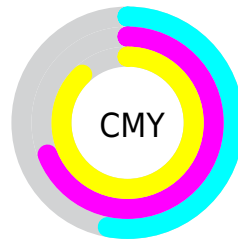
- Red (47%)
- Green (31%)
- Blue (12%)



- Red (42%)
- Yellow (47%)
- Blue (12%)



- Cyan (0%)
- Magenta (34%)
- Yellow (74%)
- Black (53%)



- Cyan (53%)
- Magenta (69%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79501F 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 79501F by changing the saturation by 10% instead.





79501F



79501F

FFFFFF



5E3907



B1814E



442300



CD9B67



2B0F00



EBB680



060000



FFD29A



000000



FFEEB5



FFFFD1



FFFFEE



79501F



79501F

■ 794A13

■ 79562B

■ 794507

■ 795B37

■ 794200

■ 796143

■ 79664F

■ 796C5B

■ 797168

■ 797774

■ 797C80

■ 79828C

# Harmonies

## Analogous

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



8A4533



79501F



5F5A1A

# Triad

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



79501F



006762



684C86

# Complementary

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



79501F



1F4879

# 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.



345893



79501F



00667E

# Square

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



79501F



006644



006190



85416D

# Rectangle

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



79501F



4B6022



006190



5A518C



# Sweetspot

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



79501F



9E8E7B



791F49



4F463A



CFCFCF



4F4F4F



# Same Dimension

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



79501F



9E5E11



76791F



3D3A37



7D4400



FC8900



# Inverse Universe

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



1F4879



11519E



221F79



373A3D



00397D



0073FC



# Previews

## White Background



This preview shows how the Hex color 79501F looks on a white background.

## Color Contrast Check

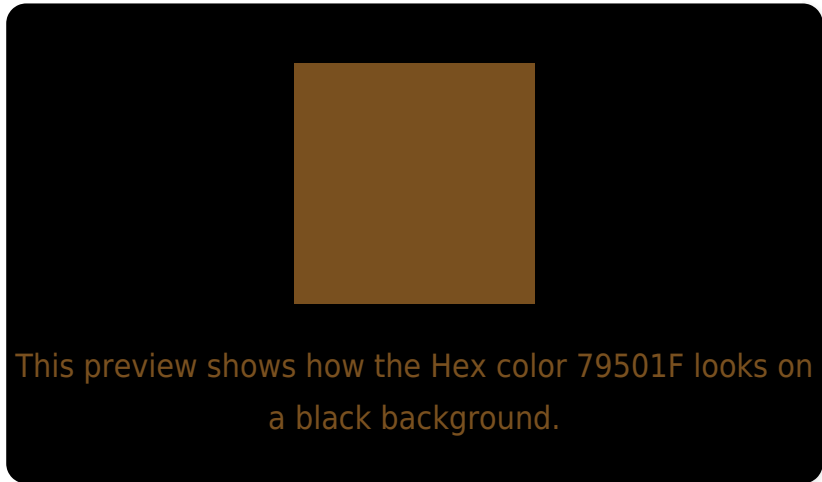
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 79501F Background



This preview shows how black text looks on a background with the Hex color 79501F.



This preview shows how white text looks on a background with the Hex color 79501F.

# 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**  
79501F

**Protanopia**  
635922

**Deuteranopia**  
6F551E



**Tritanopia**  
7C4B51

# Trichromacy



**Original Color**  
79501F

**Protanomaly**  
6B5621

**Deuteranomaly**  
73531E

**Tritanomaly**  
7B4D3F

# Monochromacy



**Original Color**  
79501F

**Achromatopsia**  
575757

**Achromatomaly**  
635443

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79501F 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 #79501F looks like.

```
.text, #text, p{  
    color:#79501F  
}
```

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 #79501F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79501F
}
```

## Border

The CSS property to change the border of an element to Hex 79501F 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
#79501F }
```

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

```
.border{ border-color:#79501F }
```

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

Here you see how a box with a 4 pixel #79501F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79501F; -webkit-box-shadow:4px 4px  
4px 4px #79501F; box-shadow:4px 4px 4px  
4px #79501F }
```

# Background

The CSS property to change the background color of an element to Hex 79501F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79501F }
```

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

```
.background{ background-color:#79501F }
```

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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