

# Converting Colors

Hex(79722D)

Have a look what the booklet for  
Hex(79722D) contains.

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**Color**

**Hex(79722D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79722D
RGB	121, 114, 45
RGB Percent	47%, 45%, 18%
CMY	0.5255, 0.5529, 0.8235
CMYK	0.00, 0.06, 0.63, 0.53
HSL	54°, 46%, 33%
HSV	54°, 63%, 47%
XYZ	14.3761, 16.2890, 4.8690
YIQ	108.2270, 26.3210, -19.9750

# Conversions

## Conversions Part 2

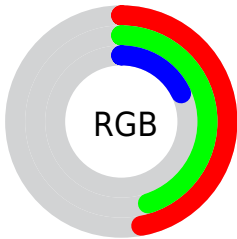
Format	Color
<a href="#">RYB</a>	<a href="#">53, 121, 45</a>
Decimal	<a href="#">7959085</a>
CIELab	<a href="#">47.35, -6.66, 38.24</a>
CIELCh	<a href="#">47, 38.814, 99.887</a>
Yxy	<a href="#">16.2890, 0.4046, 0.4584</a>
Android (android.graphics.Color)	<a href="#">4286149165</a> (0xFF79722D)
YUV	<a href="#">108.2270, -31.1709, 11.2019</a>
Hunter-Lab	<a href="#">40.3597, -7.0477, 21.0990</a>

# Details

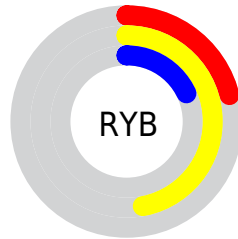
The Hex color **79722D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D3479**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **AFA65E**, and **464200** is the 20% darker color. If you saturate the color by 10%, you get **797121**, and if you desaturate by 10%, it is **797339**.

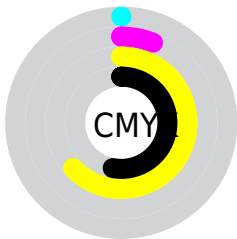
# Distribution



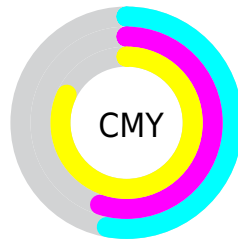
- Red (47%)
- Green (45%)
- Blue (18%)



- Red (21%)
- Yellow (47%)
- Blue (18%)



- Cyan (0%)
- Magenta (6%)
- Yellow (63%)
- Black (53%)



- Cyan (53%)
- Magenta (55%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79722D 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 79722D by changing the saturation by 10% instead.



 79722D

 79722D

FFFFFF

 5F5A14

 AFA65E

 464200

 CBC177

 2E2C00

 E8DD92

 151800

 FFF9AD

 000000

 FFFFC8

 FFFF E5

 79722D

 79722D

 797121

 797339

■ 797015

■ 797445

■ 796F09

■ 797551

■ 796E00

■ 79765D

■ 79786A

■ 797976

■ 797A82

■ 797B8E

■ 797C9A

# Harmonies

## Analogous

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



956732



79722D



567A3C

# Triad

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



79722D



007F99



A15888

# Complementary

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



79722D



2D3479

# 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.



8163A3



79722D



007AAD

# Square

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



79722D



00817A



4C70B1



AD5467

# Rectangle

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



79722D



387E4E



4C70B1



985B92



# Sweetspot

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



79722D



9E9B80



792D35



4F4D3D



CFCFCF



4F4F4F



# Same Dimension

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



79722D



9E9328



5B792D



3D3D37



7D7100



FCE500



# Inverse Universe

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



2D3479



28329E



4B2D79



37383D



000C7D



0017FC



# Previews

## White Background



This preview shows how the Hex color 79722D looks on a white background.

## Color Contrast Check

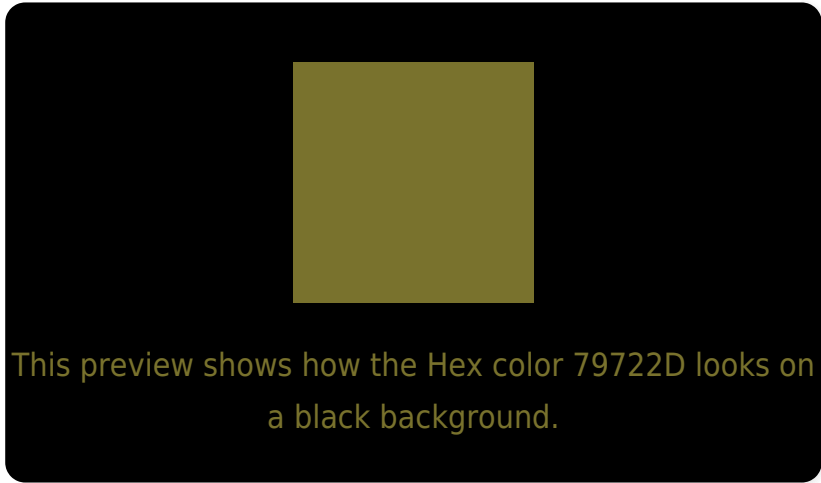
Large Text (above 18pt) WCAG AA ✓ Pass

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

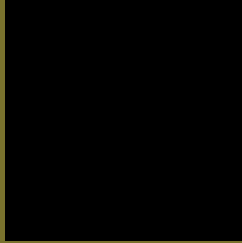
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 79722D Background



This preview shows how black text looks on a background with the Hex color 79722D.



This preview shows how white text looks on a background with the Hex color 79722D.

# 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**  
79722D

**Protanopia**  
7D712D

**Deuteranopia**  
8B6B2F



**Tritanopia**  
7F6B73

# Trichromacy



**Original Color**  
79722D

**Protanomaly**  
7C712D

**Deuteranomaly**  
846E2E

**Tritanomaly**  
7D6E5A

# Monochromacy



**Original Color**  
79722D

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
716E55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79722D 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 #79722D looks like.

```
.text, #text, p{  
    color:#79722D  
}
```

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 #79722D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79722D
}
```

## Border

The CSS property to change the border of an element to Hex 79722D 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
#79722D }
```

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

```
.border{ border-color:#79722D }
```

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

Here you see how a box with a 4 pixel #79722D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79722D; -webkit-box-shadow:4px 4px  
4px 4px #79722D; box-shadow:4px 4px 4px  
4px #79722D }
```

# Background

The CSS property to change the background color of an element to Hex 79722D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79722D }
```

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

```
.background{ background-color:#79722D }
```

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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