

# Converting Colors

Hex(7B712D)

Have a look what the booklet for  
Hex(7B712D) contains.

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**Color**

**Hex(7B712D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B712D
RGB	123, 113, 45
RGB Percent	48%, 44%, 18%
CMY	0.5176, 0.5569, 0.8235
CMYK	0.00, 0.08, 0.63, 0.52
HSL	52°, 46%, 33%
HSV	52°, 63%, 48%
XYZ	14.5472, 16.2107, 4.8449
YIQ	108.2380, 27.7880, -19.0280

# Conversions

## Conversions Part 2

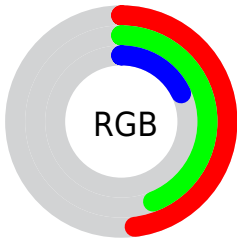
Format	Color
<a href="#">RYB</a>	<a href="#">56, 123, 45</a>
Decimal	<a href="#">8089901</a>
CIELab	<a href="#">47.25, -5.17, 38.18</a>
CIELCh	<a href="#">47, 38.529, 97.717</a>
Yxy	<a href="#">16.2107, 0.4086, 0.4553</a>
Android (android.graphics.Color)	<a href="#">4286279981 (0xFF7B712D)</a>
YUV	<a href="#">108.2380, -31.1763, 12.9463</a>
Hunter-Lab	<a href="#">40.2625, -5.9658, 21.0492</a>

# Details

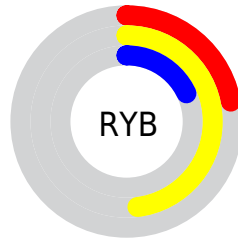
The Hex color **7B712D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D377B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B1A55E**, and **484100** is the 20% darker color. If you saturate the color by 10%, you get **7B6F21**, and if you desaturate by 10%, it is **7B7339**.

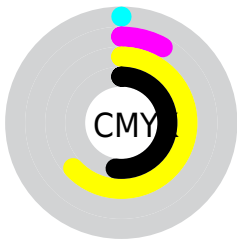
# Distribution



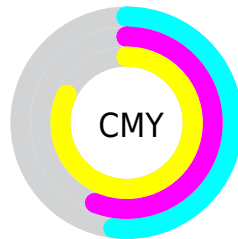
- Red (48%)
- Green (44%)
- Blue (18%)



- Red (22%)
- Yellow (48%)
- Blue (18%)



- Cyan (0%)
- Magenta (8%)
- Yellow (63%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B712D 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 7B712D by changing the saturation by 10% instead.



 7B712D

 7B712D

FFFFFF

 615914

 B1A55E

 484100

 CEC077

 2F2C00

 EBDB92

 161800

 FFF8AD

 000000

 FFFFC8

 FFFF E5

 7B712D

 7B712D

 7B6F21

 7B7339

 7B6E14

 7B7446

 7B6C08

 7B7652

 7B6B00

 7B775E

 7B796B

 7B7A77

 7B7C83

 7B7E8F

 7B7F9C

# Harmonies

## Analogous

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



976634



7B712D



587A3B

# Triad

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



7B712D



007F97



9F5989

# Complementary

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



7B712D



2D377B

# 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.



7D64A3



7B712D



007AAC

# Square

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



7B712D



008078



4771B0



AC5469

# Rectangle

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



7B712D



3C7D4C



4771B0



965C93



# Sweetspot

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



7B712D



A19D82



7B2D37



524F3F



D1D1D1



525252



# Same Dimension

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



7B712D



A19127



5E7B2D



3D3C37



7D6D00



FCDC00



# Inverse Universe

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



2D377B



2736A1



4A2D7B



37383D



00107D



0020FC



# Previews

## White Background



This preview shows how the Hex color 7B712D looks on a white background.

## Color Contrast Check

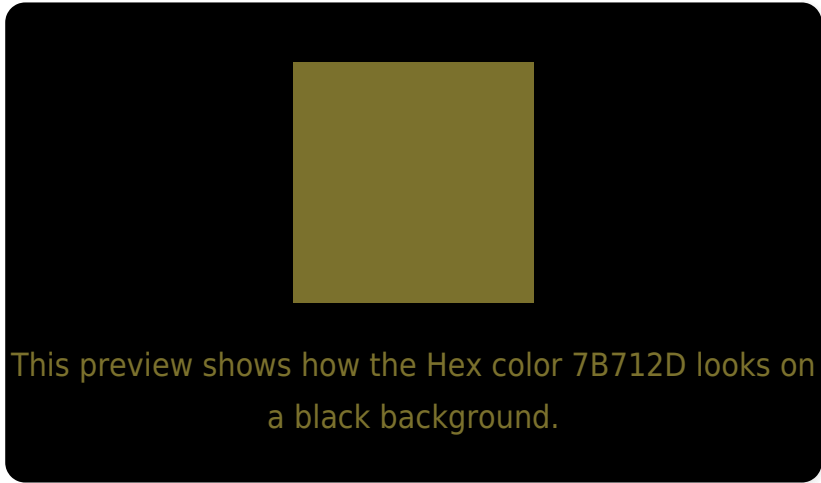
Large Text (above 18pt) WCAG AA ✓ Pass

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

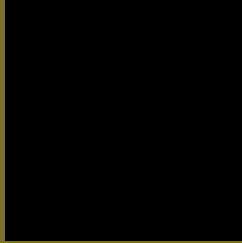
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B712D Background



This preview shows how black text looks on a background with the Hex color 7B712D.



This preview shows how white text looks on a background with the Hex color 7B712D.

# 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**  
7B712D

**Protanopia**  
7D702D

**Deuteranopia**  
8B6B2F



**Tritanopia**  
816A72

# Trichromacy



**Original Color**  
7B712D

**Protanomaly**  
7C702D

**Deuteranomaly**  
856D2E

**Tritanomaly**  
7F6D59

# Monochromacy



**Original Color**  
7B712D

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
716E55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B712D 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 #7B712D looks like.

```
.text, #text, p{  
    color:#7B712D  
}
```

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 #7B712D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B712D
}
```

## Border

The CSS property to change the border of an element to Hex 7B712D 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
#7B712D }
```

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

```
.border{ border-color:#7B712D }
```

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

Here you see how a box with a 4 pixel #7B712D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B712D; -webkit-box-shadow:4px 4px  
4px 4px #7B712D; box-shadow:4px 4px 4px  
4px #7B712D }
```

# Background

The CSS property to change the background color of an element to Hex 7B712D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B712D }
```

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

```
.background{ background-color:#7B712D }
```

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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