

# Converting Colors

Hex(795D02)

Have a look what the booklet for  
Hex(795D02) contains.

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**Color**

**Hex(795D02)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	795D02
RGB	121, 93, 2
RGB Percent	47%, 36%, 1%
CMY	0.5255, 0.6353, 0.9922
CMYK	0.00, 0.23, 0.98, 0.53
HSL	46°, 97%, 24%
HSV	46°, 98%, 47%
XYZ	11.8105, 11.8980, 1.7315
YIQ	90.9980, 45.8990, -22.3650

# Conversions

## Conversions Part 2

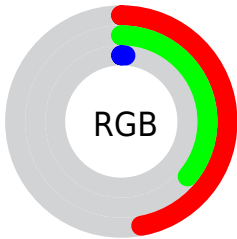
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 121, 2
Decimal	7953666
CIELab	41.05, 3.58, 48.07
CIElCh	41, 48.208, 85.736
Yxy	11.8980, 0.4642, 0.4677
Android (android.graphics.Color)	4286143746 (0xFF795D02)
YUV	90.9980, -43.8760, 26.3118
Hunter-Lab	34.4935, 0.7541, 21.1692

# Details

The Hex color **795D02** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **021E79**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B18F3B**, and **443000** is the 20% darker color. If you saturate the color by 10%, you get **795D00**, and if you desaturate by 10%, it is **79600E**.

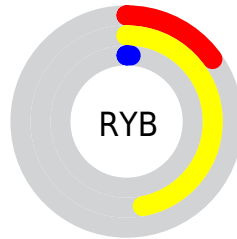
# Distribution



Red (47%)

Green (36%)

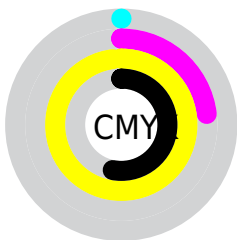
Blue (1%)



Red (15%)

Yellow (47%)

Blue (1%)

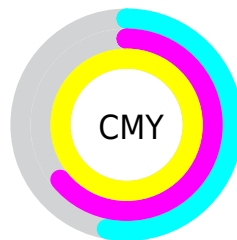


Cyan (0%)

Magenta (23%)

Yellow (98%)

Black (53%)



Cyan (53%)

Magenta (64%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 795D02 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 795D02 by changing the saturation by 10% instead.



 795D02

 795D02

 FFFFF8

 5E4600

 B18F3B

 443000

 CEA954

 2A1B00

 ECC46E

 0F0100

 FFE088

 000000

 FFFDA4

 FFFFBF

 FFFFDB

 795D02

 795D02

■ 795D00

■ 79600E

■ 79631A

■ 796626

■ 796832

■ 796B3E

■ 796E4B

■ 797157

■ 797463

■ 79776F

# Harmonies

## Analogous

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



964D1E



795D02



53690E

# Triad

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



795D02



007382



8B478E

# Complementary

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



795D02



021E79

# 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.



5559A8



795D02



0070A2

# Square

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



795D02



00735A



0067B0



A43A68

# Rectangle

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



795D02



326E25



0067B0



7D4D98



# Sweetspot

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



795D02



9E936F



790220



4F4833



CFCFCF



4F4F4F



# Same Dimension

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



795D02



9E7900



5B7902



3D3C37



7D6000



FCC100



# Inverse Universe

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



021E79



00259E



200279



37393D



001D7D

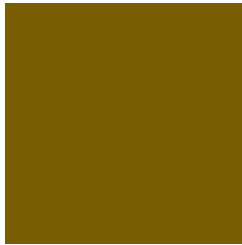


003BFC



# Previews

## White Background



This preview shows how the Hex color 795D02 looks on a white background.

## Color Contrast Check

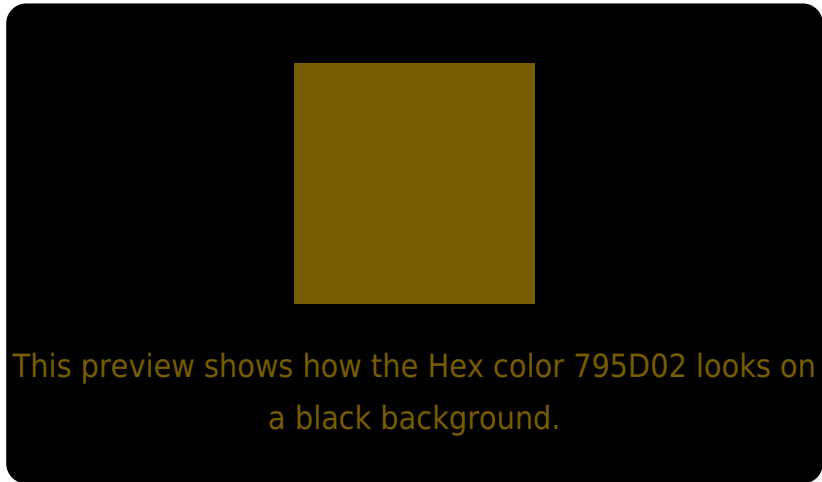
Large Text (above 18pt) WCAG AA ✓ Pass

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 795D02 Background



This preview shows how black text looks on a background with the Hex color 795D02.



This preview shows how white text looks on a background with the Hex color 795D02.

# 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**  
795D02

**Protanopia**  
6E6106

**Deuteranopia**  
7B5C05



**Tritanopia**  
7E565D

# Trichromacy



**Original Color**  
795D02

**Protanomaly**  
726005

**Deuteranomaly**  
7A5C04

**Tritanomaly**  
7C593C

# Monochromacy



**Original Color**  
795D02

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
665C3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 795D02 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 #795D02 looks like.

```
.text, #text, p{  
    color:#795D02  
}
```

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 #795D02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795D02
}
```

## Border

The CSS property to change the border of an element to Hex 795D02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

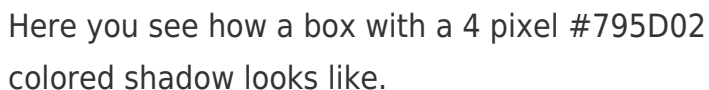
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#795D02 }
```

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

```
.border{ border-color:#795D02 }
```

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



Here you see how a box with a 4 pixel #795D02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795D02; -webkit-box-shadow:4px 4px  
4px 4px #795D02; box-shadow:4px 4px 4px  
4px #795D02 }
```

# Background

The CSS property to change the background color of an element to Hex 795D02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795D02 }
```

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

```
.background{ background-color:#795D02 }
```

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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