

# Converting Colors

Hex(791900)

Have a look what the booklet for  
Hex(791900) contains.

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**Color**

**Hex(791900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	791900
RGB	121, 25, 0
RGB Percent	47%, 10%, 0%
CMY	0.5255, 0.9020, 1.0000
CMYK	0.00, 0.79, 1.00, 0.53
HSL	12°, 100%, 24%
HSV	12°, 100%, 47%
XYZ	8.2328, 4.7602, 0.4849
YIQ	50.8540, 65.2410, 12.5770

# Conversions

## Conversions Part 2

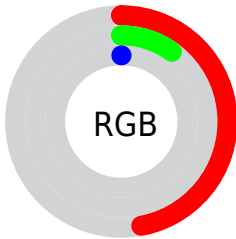
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	121, 32, 0
Decimal	7936256
CIE Lab	26.04, 40.02, 37.96
CIE LCh	26, 55.160, 43.489
Yxy	4.7602, 0.6108, 0.3532
Android (android.graphics.Color)	4286126336 (0xFF791900)
YUV	50.8540, -25.0710, 61.5180
Hunter-Lab	21.8179, 29.1740, 13.9548

# Details

The Hex color **791900** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006079**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **B44D2F**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **791900**, and if you desaturate by 10%, it is **79230C**.

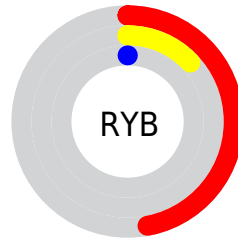
# Distribution



Red (47%)

Green (10%)

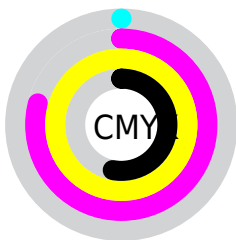
Blue (0%)



Red (47%)

Yellow (13%)

Blue (0%)

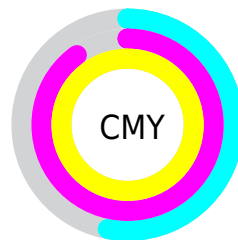


Cyan (0%)

Magenta (79%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (90%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 791900 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 791900 by changing the saturation by 10% instead.



 791900

 791900

 FFFFE4

 5C0000

 B44D2F

 3F0000

 D36746

 250001

 F2815E

 000000

 FF9C78

 FFB892

 FFD4AC

 FFF1C8

 791900

 79230C

 792C18

 793624

 793F30

 79493C

 795349

 795C55

 796661

 796F6D

# Harmonies

## Analogous

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



84002D



791900



5F3300

# Triad

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



791900



004D24



003D91

# Complementary

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



791900



006079

# 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.



00498F



791900



004F50

# Square

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



791900



004A00



004E77



54267B

# Rectangle

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



791900



483E00



004E77



004293



# Sweetspot

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



791900



9E786F



790061



4F3833



CFCFCF



4F4F4F



# Same Dimension

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



791900



9E2100



795500



3D3837



7D1A00



FC3400



# Inverse Universe

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



006079



007D9E



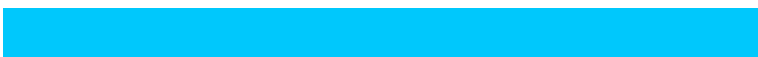
002479



373C3D



00637D

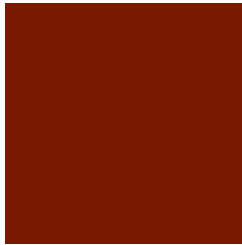


00C8FC



# Previews

## White Background



This preview shows how the Hex color 791900 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

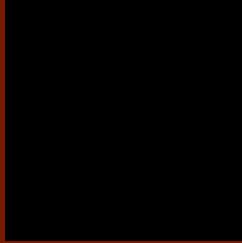
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 791900 Background



This preview shows how black text looks on a background with the Hex color 791900.



This preview shows how white text looks on a background with the Hex color 791900.

# 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



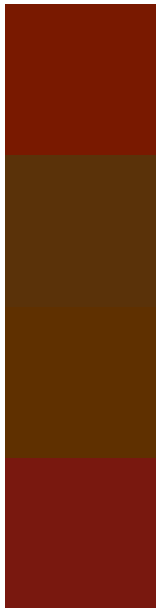
**Original Color**  
791900

**Protanopia**  
48400E

**Deuteranopia**  
503D00



# Trichromacy



**Original Color**  
791900

**Protanomaly**  
5A3209

**Deuteranomaly**  
5F3000

**Tritanomaly**  
79180F

# Monochromacy



**Original Color**  
791900

**Achromatopsia**  
333333

**Achromatomaly**  
4C2A20

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 791900 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 #791900 looks like.

```
.text, #text, p{  
    color:#791900  
}
```

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 #791900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #791900
}
```

## Border

The CSS property to change the border of an element to Hex 791900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

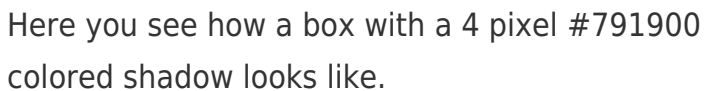
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#791900 }
```

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

```
.border{ border-color:#791900 }
```

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



Here you see how a box with a 4 pixel #791900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #791900; -webkit-box-shadow:4px 4px  
4px 4px #791900; box-shadow:4px 4px 4px  
4px #791900 }
```

# Background

The CSS property to change the background color of an element to Hex 791900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#791900 }
```

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

```
.background{ background-color:#791900 }
```

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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