

# Converting Colors

Hex(791826)

Have a look what the booklet for  
Hex(791826) contains.

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**Color**

**Hex(791826)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	791826
RGB	121, 24, 38
RGB Percent	47%, 9%, 15%
CMY	0.5255, 0.9059, 0.8510
CMYK	0.00, 0.80, 0.69, 0.53
HSL	351°, 67%, 28%
HSV	351°, 80%, 47%
XYZ	8.5616, 4.8582, 2.3202
YIQ	54.5990, 53.3180, 24.9180

# Conversions

## Conversions Part 2

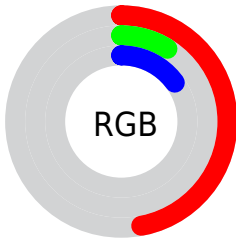
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 24, 38
Decimal	7936038
CIE Lab	26.33, 41.69, 17.53
CIE LCh	26, 45.227, 22.804
Yxy	4.8582, 0.5439, 0.3087
Android (android.graphics.Color)	4286126118 (0xFF791826)
YUV	54.5990, -8.1833, 58.2337
Hunter-Lab	22.0412, 30.7640, 9.1876

# Details

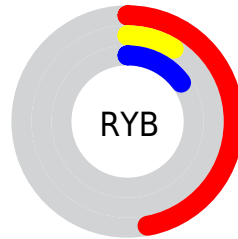
The Hex color **791826** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18796B**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **B34D53**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **790C1C**, and if you desaturate by 10%, it is **792430**.

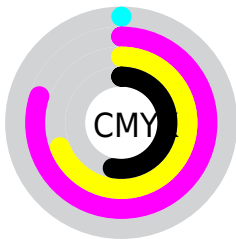
# Distribution



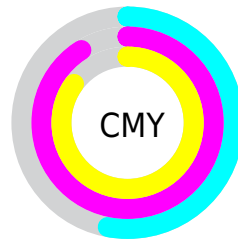
- Red (47%)
- Green (9%)
- Blue (15%)



- Red (47%)
- Yellow (9%)
- Blue (15%)



- Cyan (0%)
- Magenta (80%)
- Yellow (69%)
- Black (53%)



- Cyan (53%)
- Magenta (91%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 791826 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 791826 by changing the saturation by 10% instead.



 791826

 791826

FFFFFF

 5D0012

 B34D53

 420000

 D0676B

 270001

 EE8284

 000000

 FF9D9E

 FFB8B9

 FFD5D5

 FFF1F1

 791826

 791826

■ 790C1C

■ 792430

■ 790011

■ 79303B

■ 793C45

■ 79484F

■ 79545A

■ 796164

■ 796D6E

■ 797979

■ 798583

# Harmonies

## Analogous

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



761548



791826



6C2A03

# Triad

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



791826



004A10



004583

# Complementary

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



791826



18796B

# 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.



004B75



791826



004D35

# Square

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



791826



344400



004D58



27397E

# Rectangle

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



791826



5D3500



004D58



004881



# Sweetspot

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



791826



9E787E



6A1879



4F383B



CFCFCF



4F4F4F



# Same Dimension

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



791826



9E061C



793A18



3D3738



7D0012



FC0024



# Inverse Universe

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



791826



9E061C



185779



3D3738



7D0012

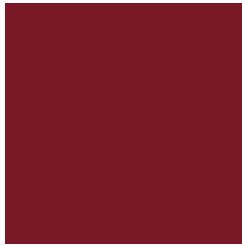


FC0024



# Previews

## White Background



This preview shows how the Hex color 791826 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 791826 Background



This preview shows how black text looks on a background with the Hex color 791826.



This preview shows how white text looks on a background with the Hex color 791826.

# 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**  
791826

**Protanopia**  
444035

**Deuteranopia**  
4F3D21



**Tritanopia**  
791A1B

# Trichromacy



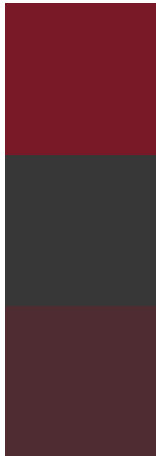
**Original Color**  
791826

**Protanomaly**  
573130

**Deuteranomaly**  
5E3023

**Tritanomaly**  
79191F

# Monochromacy



**Original Color**  
791826

**Achromatopsia**  
373737

**Achromatomaly**  
4F2C31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 791826 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 #791826 looks like.

```
.text, #text, p{  
    color:#791826  
}
```

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 #791826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #791826
}
```

## Border

The CSS property to change the border of an element to Hex 791826 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".

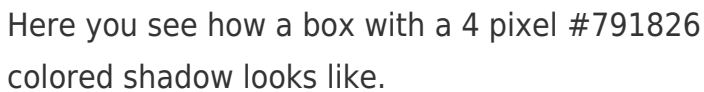
```
.border, #border, table{ border:4px solid
#791826 }
```

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

```
.border{ border-color:#791826 }
```

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

Here you see how a box with a 4 pixel #791826 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #791826; -webkit-box-shadow:4px 4px  
4px 4px #791826; box-shadow:4px 4px 4px  
4px #791826 }
```

# Background

The CSS property to change the background color of an element to Hex 791826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#791826 }
```

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

```
.background{ background-color:#791826 }
```

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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