

# Converting Colors

Hex(795931)

Have a look what the booklet for  
Hex(795931) contains.

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**Color**

**Hex(795931)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	795931
RGB	121, 89, 49
RGB Percent	47%, 35%, 19%
CMY	0.5255, 0.6510, 0.8078
CMYK	0.00, 0.26, 0.60, 0.53
HSL	33°, 42%, 33%
HSV	33°, 60%, 47%
XYZ	12.0119, 11.4315, 4.4791
YIQ	94.0080, 31.9120, -5.6560

# Conversions

## Conversions Part 2

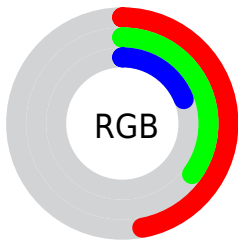
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 121, 49
Decimal	7952689
CIE Lab	40.30, 8.25, 28.02
CIE LCh	40, 29.214, 73.591
Yxy	11.4315, 0.4302, 0.4094
Android (android.graphics.Color)	4286142769 (0xFF795931)
YUV	94.0080, -22.1889, 23.6720
Hunter-Lab	33.8104, 4.2479, 15.8127

# Details

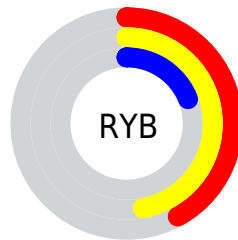
The Hex color **795931** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **315179**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **AF8B60**, and **462C03** is the 20% darker color. If you saturate the color by 10%, you get **795425**, and if you desaturate by 10%, it is **795E3D**.

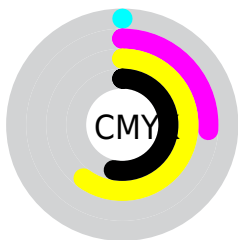
# Distribution



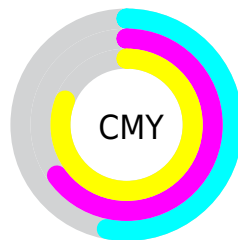
- Red (47%)
- Green (35%)
- Blue (19%)



- Red (42%)
- Yellow (47%)
- Blue (19%)



- Cyan (0%)
- Magenta (26%)
- Yellow (60%)
- Black (53%)



- Cyan (53%)
- Magenta (65%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 795931 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 795931 by changing the saturation by 10% instead.



 795931

 795931

FFFFFF

 5F421B

 AF8B60

 462C03

 CCA579

 2D1700

 E9C093

 140000

 FFDCAE

 000000

 FFF9CA

 FFFFE6

 795931

 795931

 795425

 795E3D

■ 794E19

■ 796449

■ 79490D

■ 796955

■ 794301

■ 796F61

■ 794300

■ 79746D

■ 79797A

■ 797F86

■ 798492

■ 79899E

# Harmonies

## Analogous

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



88513F



795931



63612F

# Triad

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



795931



006B69



6F5582

# Complementary

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



795931



315179

# 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.



4C5E8D



795931



006A7F

# Square

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



795931



276A51



17658C



854D6D

# Rectangle

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



795931



526536



17658C



655887



# Sweetspot

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



795931



9E9182



793151



4F473E



CFCFCF



4F4F4F



# Same Dimension

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



795931



9E6C2E



757931



3D3A37



7D4500



FC8C00



# Inverse Universe

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



315179



2E609E



353179



373A3D



00387D



0070FC



# Previews

## White Background



This preview shows how the Hex color 795931 looks on a white background.

## Color Contrast Check

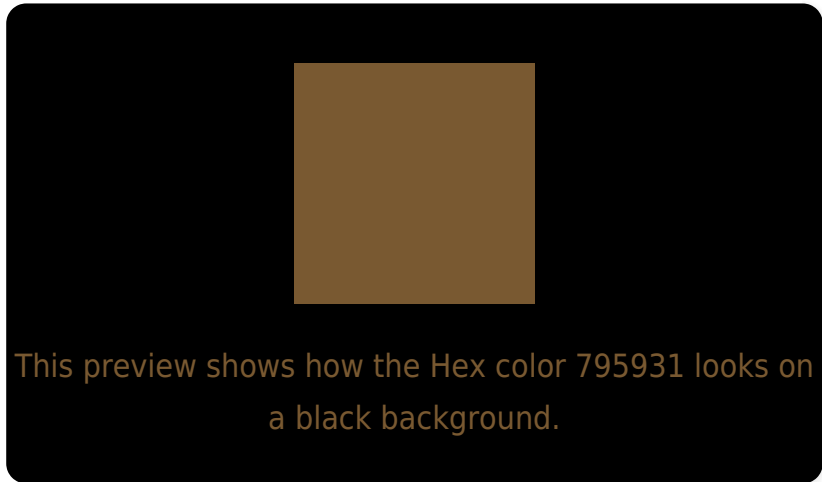
Large Text (above 18pt) WCAG AA ✓ Pass

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 795931 Background



This preview shows how black text looks on a background with the Hex color 795931.



This preview shows how white text looks on a background with the Hex color 795931.

# 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**  
795931

**Protanopia**  
695F33

**Deuteranopia**  
755B31



**Tritanopia**  
7C545B

# Trichromacy



**Original Color**  
795931

**Protanomaly**  
6F5D32

**Deuteranomaly**  
765A31

**Tritanomaly**  
7B564C

# Monochromacy



**Original Color**  
795931

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
685C4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 795931 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 #795931 looks like.

```
.text, #text, p{  
    color:#795931  
}
```

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 #795931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795931
}
```

## Border

The CSS property to change the border of an element to Hex 795931 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
#795931 }
```

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

```
.border{ border-color:#795931 }
```

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

Here you see how a box with a 4 pixel #795931 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795931; -webkit-box-shadow:4px 4px  
4px 4px #795931; box-shadow:4px 4px 4px  
4px #795931 }
```

# Background

The CSS property to change the background color of an element to Hex 795931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795931 }
```

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

```
.background{ background-color:#795931 }
```

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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