

# Converting Colors

Hex(794929)

Have a look what the booklet for  
Hex(794929) contains.

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**Color**

**Hex(794929)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	794929
RGB	121, 73, 41
RGB Percent	47%, 29%, 16%
CMY	0.5255, 0.7137, 0.8392
CMYK	0.00, 0.40, 0.66, 0.53
HSL	24°, 49%, 32%
HSV	24°, 66%, 47%
XYZ	10.6679, 8.9901, 3.2708
YIQ	83.7040, 38.8800, 0.2240

# Conversions

## Conversions Part 2

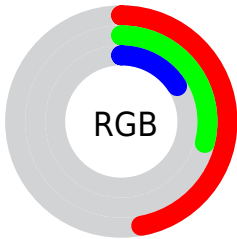
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 94, 41
Decimal	7948585
CIE <sub>Lab</sub>	35.97, 17.20, 27.42
CIE <sub>LCh</sub>	36, 32.369, 57.908
Yxy	8.9901, 0.4653, 0.3921
Android (android.graphics.Color)	4286138665 (0xFF794929)
YUV	83.7040, -21.0531, 32.7086
Hunter-Lab	29.9835, 11.0379, 14.5207

# Details

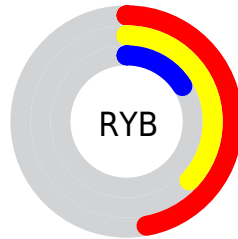
The Hex color **794929** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **295979**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **B07A57**, and **451C00** is the 20% darker color. If you saturate the color by 10%, you get **79421D**, and if you desaturate by 10%, it is **795035**.

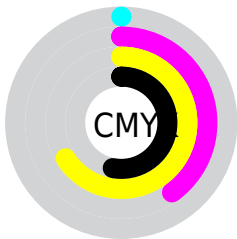
# Distribution



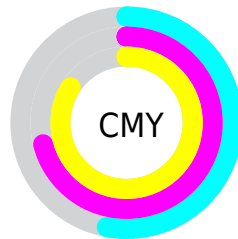
- Red (47%)
- Green (29%)
- Blue (16%)



- Red (47%)
- Yellow (37%)
- Blue (16%)



- Cyan (0%)
- Magenta (40%)
- Yellow (66%)
- Black (53%)



- Cyan (53%)
- Magenta (71%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 794929 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 794929 by changing the saturation by 10% instead.



 794929

 794929

FFFFFF

 5E3213

 B07A57

 451C00

 CD9470

 2B0700

 EAAF8A

 000000

 FFCAA4

 FFE6BF

 FFFFDB

 FFFFF8

 794929

 794929

■ 79421D

■ 795035

■ 793A11

■ 795841

■ 793305

■ 795F4D

■ 793000

■ 796659

■ 796D65

■ 797572

■ 797C7E

■ 79838A

■ 798A96

# Harmonies

## Analogous

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



84413E



794929



65531F

# Triad

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



794929



006152



534F82

# Complementary

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



794929



295979

# 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.



1C5888



794929



00616C

# Square

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



794929



2A5F38



005E80



734471

# Rectangle

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



794929



545821



005E80



455286



# Sweetspot

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



794929



9E8B7E



792959



4F443C



CFCFCF



4F4F4F



# Same Dimension

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



794929



9E5321



797029



3D3A37



7D3200



FC6500



# Inverse Universe

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



295979



216C9E



293179



373B3D



004B7D



0097FC



# Previews

## White Background



This preview shows how the Hex color 794929 looks on a white background.

## Color Contrast Check

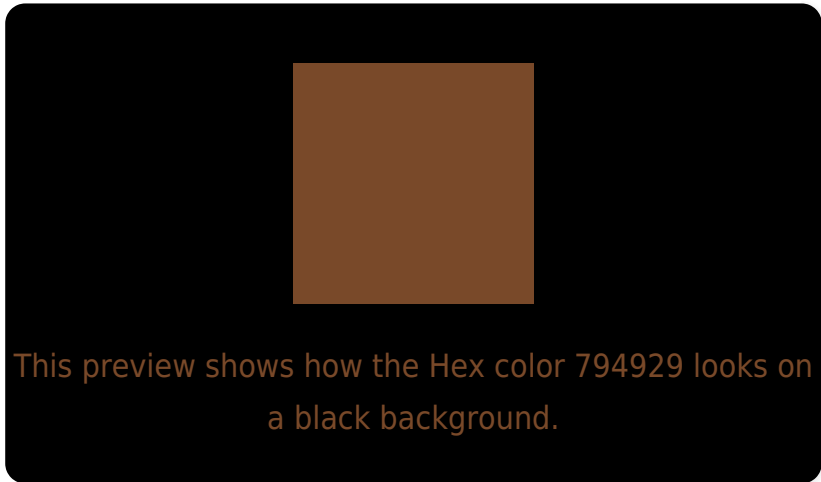
Large Text (above 18pt) WCAG AA ✓ Pass

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

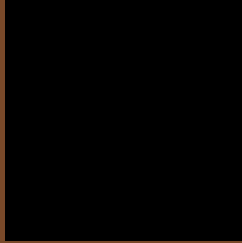
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 794929 Background



This preview shows how black text looks on a background with the Hex color 794929.



This preview shows how white text looks on a background with the Hex color 794929.

# 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**  
794929

**Protanopia**  
5E552D

**Deuteranopia**  
695127



**Tritanopia**  
7B454A

# Trichromacy



**Original Color**  
794929

**Protanomaly**  
68512C

**Deuteranomaly**  
6F4E28

**Tritanomaly**  
7A463E

# Monochromacy



**Original Color**  
794929

**Achromatopsia**  
545454

**Achromatomaly**  
615044

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 794929 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 #794929 looks like.

```
.text, #text, p{  
    color:#794929  
}
```

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 #794929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794929
}
```

## Border

The CSS property to change the border of an element to Hex 794929 is called "border". The border property can be set on classes, ids or directly on the HTML element.

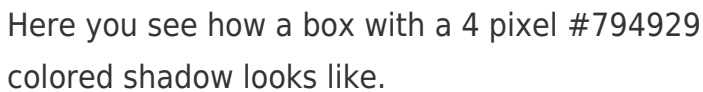
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#794929 }
```

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

```
.border{ border-color:#794929 }
```

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



Here you see how a box with a 4 pixel #794929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794929; -webkit-box-shadow:4px 4px  
4px 4px #794929; box-shadow:4px 4px 4px  
4px #794929 }
```

# Background

The CSS property to change the background color of an element to Hex 794929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794929 }
```

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

```
.background{ background-color:#794929 }
```

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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