

# Converting Colors

Hex(794121)

Have a look what the booklet for  
Hex(794121) contains.

<b>Hex(794121)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(794121)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	794121
RGB	121, 65, 33
RGB Percent	47%, 25%, 13%
CMY	0.5255, 0.7451, 0.8706
CMYK	0.00, 0.46, 0.73, 0.53
HSL	22°, 57%, 30%
HSV	22°, 73%, 47%
XYZ	10.0500, 7.9553, 2.4447
YIQ	78.0960, 43.6480, 1.9200

# Conversions

## Conversions Part 2

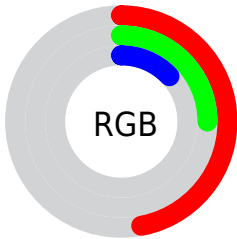
Format	Color
<b>RYB</b>	121, 83, 33
Decimal	7946529
CIELab	33.89, 21.39, 29.59
CIElCh	34, 36.517, 54.137
Yxy	7.9553, 0.4914, 0.3890
Android (android.graphics.Color)	4286136609 (0xFF794121)
YUV	78.0960, -22.2323, 37.6268
Hunter-Lab	28.2052, 14.2432, 14.6047

# Details

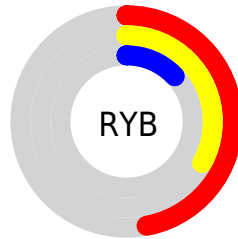
The Hex color **794121** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **215979**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B1724F**, and **441400** is the 20% darker color. If you saturate the color by 10%, you get **793915**, and if you desaturate by 10%, it is **79492D**.

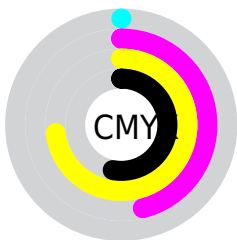
# Distribution



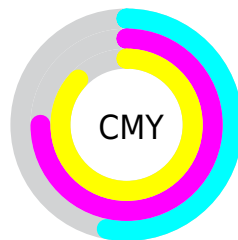
- Red (47%)
- Green (25%)
- Blue (13%)



- Red (47%)
- Yellow (33%)
- Blue (13%)



- Cyan (0%)
- Magenta (46%)
- Yellow (73%)
- Black (53%)



- Cyan (53%)
- Magenta (75%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 794121 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 794121 by changing the saturation by 10% instead.



 794121

 794121

FFFFFF

 5E2A0B

 B1724F

 441400

 CE8B67

 2B0000

 ECA680

 000000

 FFC19B

 FFDDB6

 FFFAD1

 FFFFEE

 794121

 794121

■ 793915

■ 79492D

■ 793209

■ 795039

■ 792C00

■ 795845

■ 796051

■ 79675D

■ 796F6A

■ 797776

■ 797F82

■ 79868E

# Harmonies

## Analogous

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



84373A



794121



644C12

# Triad

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



794121



005D49



464A85

# Complementary

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



794121



215979

# 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.



005589



794121



005E67

# Square

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



794121



235B2C



005B7E



6D3E72

# Rectangle

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



794121



525312



005B7E



334E88



# Sweetspot

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



794121



9E887B



79215A



4F423A



CFCFCF



4F4F4F



# Same Dimension

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



794121



9E4715



796C21



3D3937



7D2D00



FC5C00



# Inverse Universe

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



215979



156C9E



212E79



373B3D



00507D



00A1FC



# Previews

## White Background



This preview shows how the Hex color 794121 looks on a white background.

## Color Contrast Check

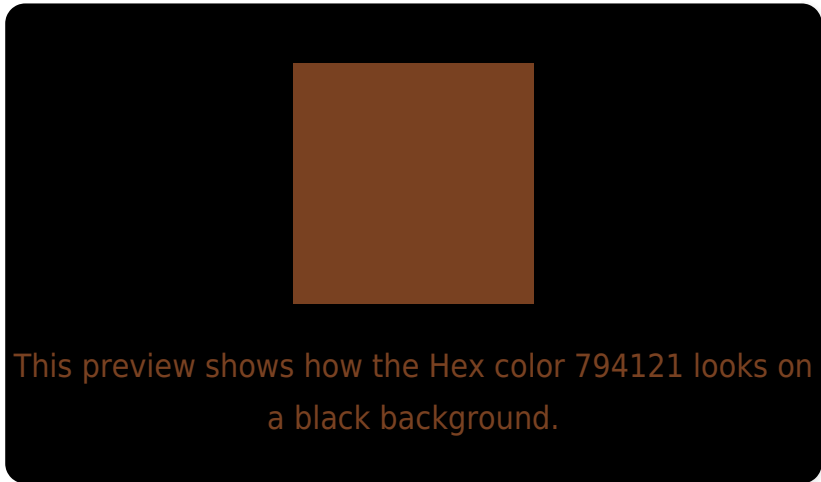
Large Text (above 18pt) WCAG AA ✓ Pass

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

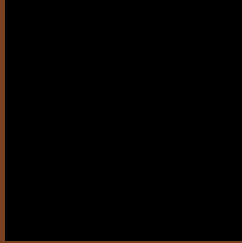
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 794121 Background



This preview shows how black text looks on a background with the Hex color 794121.



This preview shows how white text looks on a background with the Hex color 794121.

# 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**  
794121

**Protanopia**  
595026

**Deuteranopia**  
644C1E



**Tritanopia**  
7B3D42

# Trichromacy



**Original Color**  
794121

**Protanomaly**  
654B24

**Deuteranomaly**  
6C481F

**Tritanomaly**  
7A3E36

# Monochromacy



**Original Color**  
794121

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
5E493E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 794121 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 #794121 looks like.

```
.text, #text, p{  
    color:#794121  
}
```

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 #794121 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794121
}
```

## Border

The CSS property to change the border of an element to Hex 794121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

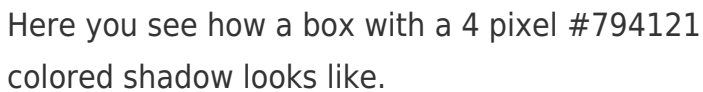
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#794121 }
```

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

```
.border{ border-color:#794121 }
```

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



Here you see how a box with a 4 pixel #794121 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794121; -webkit-box-shadow:4px 4px  
4px 4px #794121; box-shadow:4px 4px 4px  
4px #794121 }
```

# Background

The CSS property to change the background color of an element to Hex 794121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794121 }
```

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

```
.background{ background-color:#794121 }
```

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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