

# Converting Colors

Hex(794405)

Have a look what the booklet for  
Hex(794405) contains.

<b>Hex(794405)</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(794405)**

# Conversions

## Conversions Part 1

Format	Color
Hex	794405
RGB	121, 68, 5
RGB Percent	47%, 27%, 2%
CMY	0.5255, 0.7333, 0.9804
CMYK	0.00, 0.44, 0.96, 0.53
HSL	33°, 92%, 25%
HSV	33°, 96%, 47%
XYZ	9.9797, 8.2101, 1.2023
YIQ	76.6650, 51.8110, -8.3570

# Conversions

## Conversions Part 2

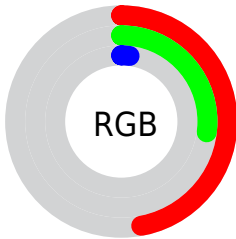
Format	Color
R <sub>Y</sub> B	103, 121, 5
Decimal	7947269
CIE Lab	34.42, 18.57, 42.39
CIE LCh	34, 46.278, 66.344
Yxy	8.2101, 0.5146, 0.4234
Android (android.graphics.Color)	4286137349 (0xFF794405)
YUV	76.6650, -35.3308, 38.8818
Hunter-Lab	28.6534, 12.0264, 17.5695

# Details

The Hex color **794405** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **053A79**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B27438**, and **421800** is the 20% darker color. If you saturate the color by 10%, you get **794200**, and if you desaturate by 10%, it is **794A11**.

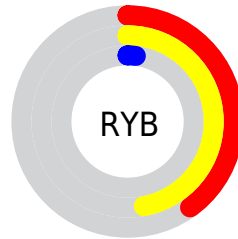
# Distribution



Red (47%)

Green (27%)

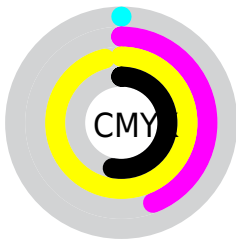
Blue (2%)



Red (40%)

Yellow (47%)

Blue (2%)

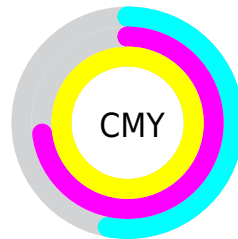


Cyan (0%)

Magenta (44%)

Yellow (96%)

Black (53%)



Cyan (53%)

Magenta (73%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 794405 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 794405 by changing the saturation by 10% instead.



 794405

 794405

 FFFFF2

 5E2D00

 B27438

 421800

 D08E50

 290100

 EDA969

 000000

 FFC483

 FFE09E

 FFFDB9

 FFFF5D

 794405

 794405

■ 794200

■ 794A11

■ 794F1D

■ 795529

■ 795A35

■ 796041

■ 79654E

■ 796B5A

■ 797066

■ 797672

# Harmonies

## Analogous

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



8D3327



794405



5B5200

# Triad

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



794405



006258



5B438D

# Complementary

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



794405



053A79

# 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.



00539B



794405



00617C

# Square

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



794405



006032



005D94



83326F

# Rectangle

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



794405



425800



005D94



464993



# Sweetspot

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



794405



9E8970



79053B



4F4233



CFCFCF



4F4F4F



# Same Dimension

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



794405



9E5600



757905



3D3A37



7D4400



FC8900



# Inverse Universe

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



053A79



00489E



090579



373A3D



00397D

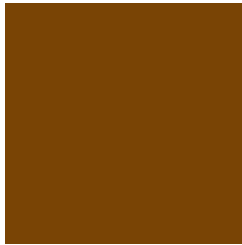


0073FC



# Previews

## White Background



This preview shows how the Hex color 794405 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 794405 Background



This preview shows how black text looks on a background with the Hex color 794405.



This preview shows how white text looks on a background with the Hex color 794405.

# 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**  
794405

**Protanopia**  
5C520B

**Deuteranopia**  
674D00



**Tritanopia**  
7B3F44

# Trichromacy



**Original Color**  
794405

**Protanomaly**  
674D09

**Deuteranomaly**  
6E4A02

**Tritanomaly**  
7A412D

# Monochromacy



**Original Color**  
794405

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
5D4A33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 794405 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 #794405 looks like.

```
.text, #text, p{  
    color:#794405  
}
```

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 #794405 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794405
}
```

## Border

The CSS property to change the border of an element to Hex 794405 is called "border". The border property can be set on classes, ids or directly on the HTML element.

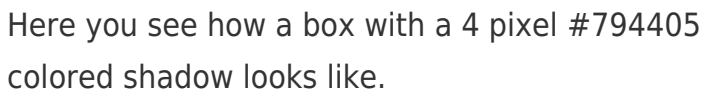
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#794405 }
```

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

```
.border{ border-color:#794405 }
```

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



Here you see how a box with a 4 pixel #794405 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794405; -webkit-box-shadow:4px 4px  
4px 4px #794405; box-shadow:4px 4px 4px  
4px #794405 }
```

# Background

The CSS property to change the background color of an element to Hex 794405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794405 }
```

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

```
.background{ background-color:#794405 }
```

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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