

# Converting Colors

Hex(793209)

Have a look what the booklet for  
Hex(793209) contains.

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**Color**

**Hex(793209)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	793209
RGB	121, 50, 9
RGB Percent	47%, 20%, 4%
CMY	0.5255, 0.8039, 0.9647
CMYK	0.00, 0.59, 0.93, 0.53
HSL	22°, 86%, 25%
HSV	22°, 93%, 47%
XYZ	9.0751, 6.3659, 1.0089
YIQ	66.5550, 55.4770, 2.3010

# Conversions

## Conversions Part 2

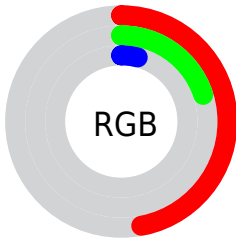
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 74, 9
Decimal	7942665
CIE Lab	30.32, 28.88, 37.85
CIE LCh	30, 47.613, 52.652
Yxy	6.3659, 0.5517, 0.3870
Android (android.graphics.Color)	4286132745 (0xFF793209)
YUV	66.5550, -28.3746, 47.7483
Hunter-Lab	25.2307, 20.0498, 15.2907

# Details

The Hex color **793209** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **095079**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B36238**, and **410200** is the 20% darker color. If you saturate the color by 10%, you get **792C00**, and if you desaturate by 10%, it is **793A15**.

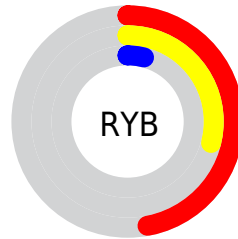
# Distribution



Red (47%)

Green (20%)

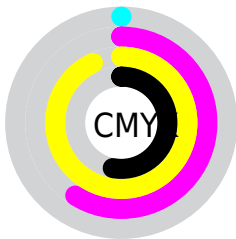
Blue (4%)



Red (47%)

Yellow (29%)

Blue (4%)

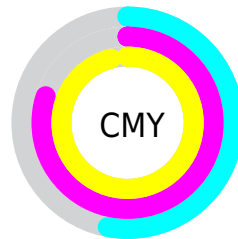


Cyan (0%)

Magenta (59%)

Yellow (93%)

Black (53%)



Cyan (53%)

Magenta (80%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 793209 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 793209 by changing the saturation by 10% instead.



 793209

 793209

 FFFFF0

 5D1A00

 B36238

 410200

 D17C50

 2A0001

 EF9669

 000000

 FFB182

 FFCD9C

 FFE9B8

 FFFFD3

 793209

 793209

■ 792C00

■ 793A15

■ 794121

■ 79492D

■ 795139

■ 795845

■ 796052

■ 79685E

■ 796F6A

■ 797776

# Harmonies

## Analogous

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



87202D



793209



5F4300

# Triad

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



793209



00573D



2F428D

# Complementary

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



793209



095079

# 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.



004F92



793209



005863

# Square

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



793209



005416



005582



6A2F75

# Rectangle

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



793209



494B00



005582



004790



# Sweetspot

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



793209



9E8272



790952



4F3E34



CFCFCF



4F4F4F



# Same Dimension

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



793209



9E3A00



796809



3D3937



7D2E00



FC5C00



# Inverse Universe

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



095079



00649E



091A79



373B3D



004F7D



00A0FC



# Previews

## White Background



This preview shows how the Hex color 793209 looks on a white background.

## Color Contrast Check

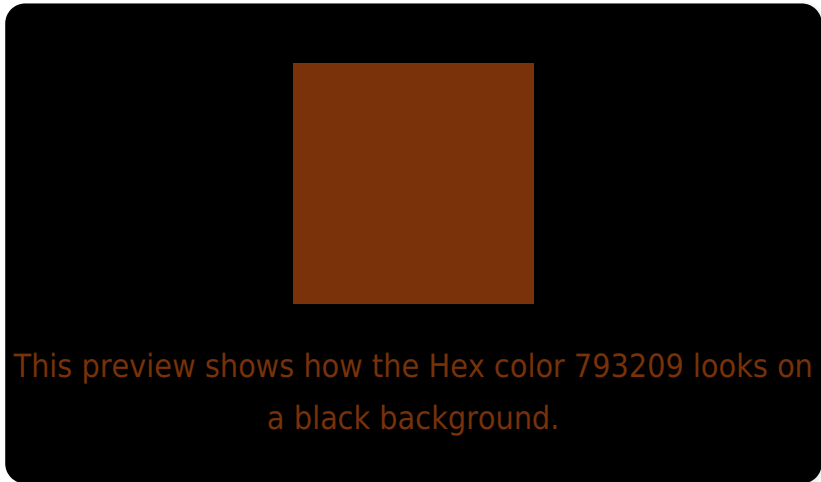
Large Text (above 18pt) WCAG AA ✓ Pass

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 793209 Background



This preview shows how black text looks on a background with the Hex color 793209.



This preview shows how white text looks on a background with the Hex color 793209.

# 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**  
793209

**Protanopia**  
51490F

**Deuteranopia**  
5B4500



**Tritanopia**  
7A2F31

# Trichromacy



**Original Color**  
793209

**Protanomaly**  
60410D

**Deuteranomaly**  
663E03

**Tritanomaly**  
7A3022

# Monochromacy



**Original Color**  
793209

**Achromatopsia**  
434343

**Achromatomaly**  
573D2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 793209 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 #793209 looks like.

```
.text, #text, p{  
    color:#793209  
}
```

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 #793209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #793209
}
```

## Border

The CSS property to change the border of an element to Hex 793209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

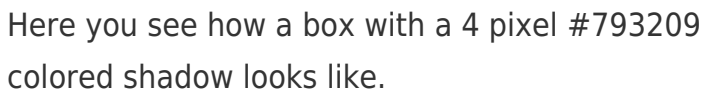
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#793209 }
```

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

```
.border{ border-color:#793209 }
```

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



Here you see how a box with a 4 pixel #793209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #793209; -webkit-box-shadow:4px 4px  
4px 4px #793209; box-shadow:4px 4px 4px  
4px #793209 }
```

# Background

The CSS property to change the background color of an element to Hex 793209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#793209 }
```

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

```
.background{ background-color:#793209 }
```

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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