

# Converting Colors

Hex(795101)

Have a look what the booklet for  
Hex(795101) contains.

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**Color**

**Hex(795101)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	795101
RGB	121, 81, 1
RGB Percent	47%, 32%, 0%
CMY	0.5255, 0.6824, 0.9961
CMYK	0.00, 0.33, 0.99, 0.53
HSL	40°, 98%, 24%
HSV	40°, 99%, 47%
XYZ	10.8331, 9.9520, 1.3787
YIQ	83.8400, 49.5200, -16.4000

# Conversions

## Conversions Part 2

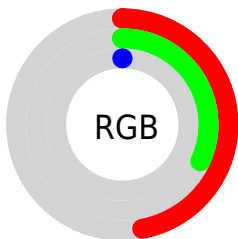
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">61, 121, 1</a>
Decimal	<a href="#">7950593</a>
CIELab	<a href="#">37.76, 10.72, 46.07</a>
CIELCh	<a href="#">38, 47.297, 76.905</a>
Yxy	<a href="#">9.9520, 0.4888, 0.4490</a>
Android (android.graphics.Color)	<a href="#">4286140673 (0xFF795101)</a>
YUV	<a href="#">83.8400, -40.8401, 32.5893</a>
Hunter-Lab	<a href="#">31.5468, 6.0894, 19.4916</a>

# Details

The Hex color **795101** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **012979**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **B28238**, and **432500** is the 20% darker color. If you saturate the color by 10%, you get **795100**, and if you desaturate by 10%, it is **79550D**.

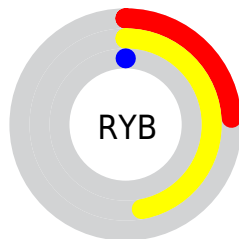
# Distribution



Red (47%)

Green (32%)

Blue (0%)



Red (24%)

Yellow (47%)

Blue (0%)

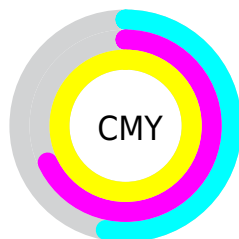


Cyan (0%)

Magenta (33%)

Yellow (99%)

Black (53%)



Cyan (53%)

Magenta (68%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 795101 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 795101 by changing the saturation by 10% instead.



 795101

 795101

 FFFFF3

 5E3A00

 B28238

 432500

 CF9C51

 291100

 ECB76A

 030000

 FFD384

 000000

 FFEF9F

 FFFFBB

 FFFFD7

 795101

 795101

■ 795100

■ 79550D

■ 795919

■ 795D25

■ 796131

■ 79653D

■ 79694A

■ 796D56

■ 797162

■ 79756E

# Harmonies

## Analogous

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



924122



795101



575E00

# Triad

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



795101



006B6E



76458E

# Complementary

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



795101



012979

# 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.



3356A2



795101



006990

# Square

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



795101



006946



0062A3



95356B

# Rectangle

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



795101



3A6314



0062A3



654B96



# Sweetspot

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



795101



9E8E6F



790129



4F4633



CFCFCF



4F4F4F



# Same Dimension

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



795101



9E6900



657901



3D3B37



7D5300



FCA800



# Inverse Universe

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



012979



00359E



150179



37393D



002A7D

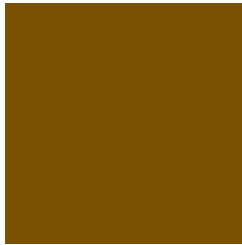


0054FC



# Previews

## White Background



This preview shows how the Hex color 795101 looks on a white background.

## Color Contrast Check

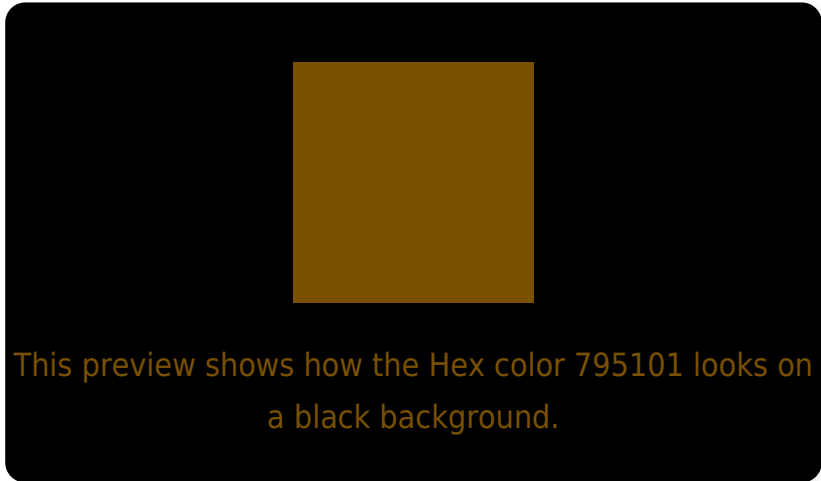
Large Text (above 18pt) WCAG AA ✓ Pass

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 795101 Background



This preview shows how black text looks on a background with the Hex color 795101.



This preview shows how white text looks on a background with the Hex color 795101.

# 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**  
795101

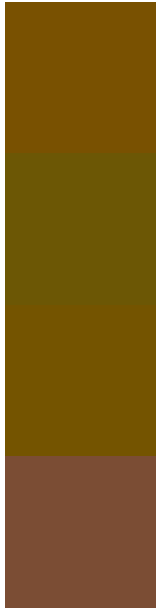
**Protanopia**  
655A08

**Deuteranopia**  
715500



**Tritanopia**  
7C4B51

# Trichromacy



**Original Color**  
795101

**Protanomaly**  
6C5705

**Deuteranomaly**  
745400

**Tritanomaly**  
7B4D34

# Monochromacy



**Original Color**  
795101

**Achromatopsia**  
545454

**Achromatomaly**  
615336

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 795101 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 #795101 looks like.

```
.text, #text, p{  
    color:#795101  
}
```

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 #795101 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795101
}
```

## Border

The CSS property to change the border of an element to Hex 795101 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
#795101 }
```

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

```
.border{ border-color:#795101 }
```

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

Here you see how a box with a 4 pixel #795101 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795101; -webkit-box-shadow:4px 4px  
4px 4px #795101; box-shadow:4px 4px 4px  
4px #795101 }
```

# Background

The CSS property to change the background color of an element to Hex 795101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795101 }
```

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

```
.background{ background-color:#795101 }
```

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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