

# Converting Colors

Hex(797402)

Have a look what the booklet for  
Hex(797402) contains.

<b>Hex(797402)</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(797402)**

# Conversions

## Conversions Part 1

Format	Color
Hex	797402
RGB	121, 116, 2
RGB Percent	47%, 45%, 1%
CMY	0.5255, 0.5451, 0.9922
CMYK	0.00, 0.04, 0.98, 0.53
HSL	57°, 97%, 24%
HSV	57°, 98%, 47%
XYZ	14.1415, 16.5601, 2.5085
YIQ	104.4990, 39.5740, -34.3940

# Conversions

## Conversions Part 2

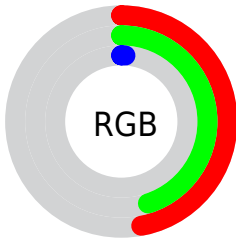
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	7, 121, 2
Decimal	7959554
CIE Lab	47.70, -9.63, 52.92
CIE LCh	48, 53.789, 100.311
Yxy	16.5601, 0.4258, 0.4986
Android (android.graphics.Color)	4286149634 (0xFF797402)
YUV	104.4990, -50.5320, 14.4714
Hunter-Lab	40.6941, -9.1846, 24.8311

# Details

The Hex color **797402** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **020779**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B1A840**, and **444400** is the 20% darker color. If you saturate the color by 10%, you get **797400**, and if you desaturate by 10%, it is **79750E**.

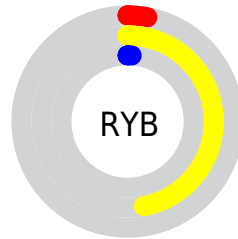
# Distribution



Red (47%)

Green (45%)

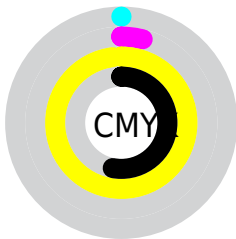
Blue (1%)



Red (3%)

Yellow (47%)

Blue (1%)

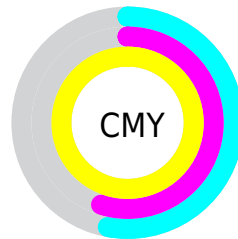


Cyan (0%)

Magenta (4%)

Yellow (98%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 797402 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 797402 by changing the saturation by 10% instead.



 797402

 797402

FFFFFF

 5E5C00


 B1A840

 444400

 CDC35A

 2B2E00

 EBDF75

 111A00

 FFFB8F

 000000

 FFFFAB

 FFFFC7

 FFFF E4

 797402

 797402

■ 797400

■ 79750E

■ 79751A

■ 797626

■ 797632

■ 79773E

■ 79774B

■ 797857

■ 797863

■ 79796F

# Harmonies

## Analogous

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



A06413



797402



477F25

# Triad

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



797402



0085AB



B34A91

# Complementary

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



797402



020779

# 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.



875EB7



797402



007EC6

# Square

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



797402



008680



2571CB



C34463

# Rectangle

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



797402



008342



2571CB



A8509F



# Sweetspot

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



797402



9E9C6F



790208



4F4E33



CFCFCF



4F4F4F



# Same Dimension

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



797402



9E9700



437902



3D3D37



7D7800



FCF200



# Inverse Universe

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



020779



00079E



380279



37373D



00057D



000BFC



# Previews

## White Background



This preview shows how the Hex color 797402 looks on a white background.

## Color Contrast Check

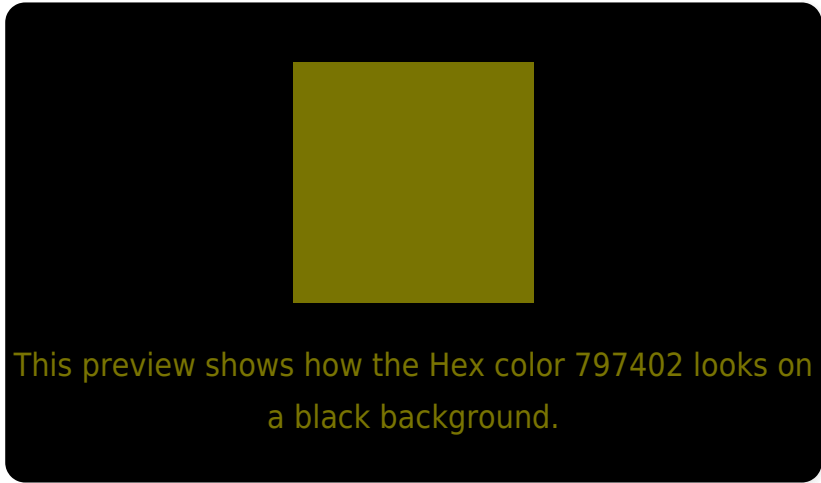
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

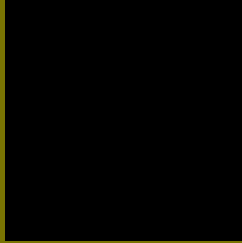
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 797402 Background



This preview shows how black text looks on a background with the Hex color 797402.



This preview shows how white text looks on a background with the Hex color 797402.

# 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**  
797402

**Protanopia**  
807200

**Deuteranopia**  
8F6B11



**Tritanopia**  
806C74

# Trichromacy



**Original Color**  
797402

**Protanomaly**  
7D7301

**Deuteranomaly**  
876E0C

**Tritanomaly**  
7D6F4B

# Monochromacy



**Original Color**  
797402

**Achromatopsia**  
686868

**Achromatomaly**  
6E6C43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 797402 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 #797402 looks like.

```
.text, #text, p{  
    color:#797402  
}
```

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 #797402 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797402
}
```

## Border

The CSS property to change the border of an element to Hex 797402 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
#797402 }
```

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

```
.border{ border-color:#797402 }
```

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

Here you see how a box with a 4 pixel #797402 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797402; -webkit-box-shadow:4px 4px  
4px 4px #797402; box-shadow:4px 4px 4px  
4px #797402 }
```

# Background

The CSS property to change the background color of an element to Hex 797402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797402 }
```

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

```
.background{ background-color:#797402 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor