

# Converting Colors

Hex(790461)

Have a look what the booklet for  
Hex(790461) contains.

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**Color**

**Hex(790461)**

# Conversions

## Conversions Part 1

Format	Color
Hex	790461
RGB	121, 4, 97
RGB Percent	47%, 2%, 38%
CMY	0.5255, 0.9843, 0.6196
CMYK	0.00, 0.97, 0.20, 0.53
HSL	312°, 94%, 25%
HSV	312°, 97%, 47%
XYZ	10.0862, 5.0148, 11.7456
YIQ	49.5850, 39.8790, 53.7270

# Conversions

## Conversions Part 2

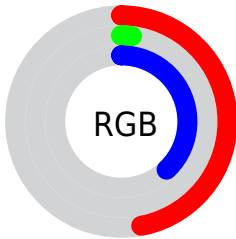
Format	Color
<a href="#">RYB</a>	<a href="#">121, 4, 97</a>
Decimal	<a href="#">7930977</a>
CIELab	<a href="#">26.78, 52.34, -21.45</a>
CIElCh	<a href="#">27, 56.562, 337.710</a>
Yxy	<a href="#">5.0148, 0.3757, 0.1868</a>
Android (android.graphics.Color)	<a href="#">4286121057 (0xFF790461)</a>
YUV	<a href="#">49.5850, 23.3756, 62.6310</a>
Hunter-Lab	<a href="#">22.3939, 41.2075, -15.4220</a>

# Details

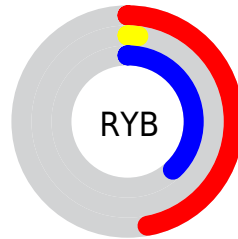
The Hex color **790461** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **04791C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **B14694**, and **440032** is the 20% darker color. If you saturate the color by 10%, you get **790060**, and if you desaturate by 10%, it is **791063**.

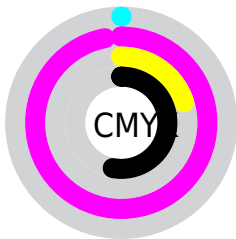
# Distribution



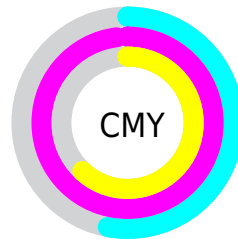
- Red (47%)
- Green (2%)
- Blue (38%)



- Red (47%)
- Yellow (2%)
- Blue (38%)



- Cyan (0%)
- Magenta (97%)
- Yellow (20%)
- Black (53%)



- Cyan (53%)
- Magenta (98%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 790461 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 790461 by changing the saturation by 10% instead.



 790461

 790461

FFFFFF

 5E0049

 B14694

 440032

 CD61AF

 2C001D

 EB7CCA

 000000

 FF98E6

 FFB3FF

 FFD0FF

 FFEDFF

 790461

 790461

■ 790060

■ 791063

■ 791C66

■ 792868

■ 79346B

■ 79406D

■ 794D70

■ 795972

■ 796575

■ 797177

# Harmonies

## Analogous

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



4A2D85



790461



880036

# Triad

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



790461



454100



005074

# Complementary

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



790461



04791C

# 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.



00514A



790461



104A00

# Square

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



790461



683000



004F1C



004D90

# Rectangle

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



790461



85001A



004F1C



005167



# Sweetspot

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



790461



9E7095



1B0479



4F3349



CFCFCF



4F4F4F



# Same Dimension

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



790461



9E007E



790427



3D373C



7D0063



FC00C9



# Inverse Universe

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



790461



9E007E



047956



3D373C



7D0063

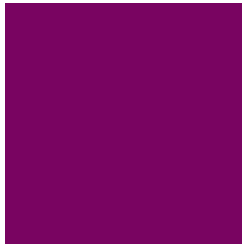


FC00C9



# Previews

## White Background



This preview shows how the Hex color 790461 looks on a white background.

## Color Contrast Check

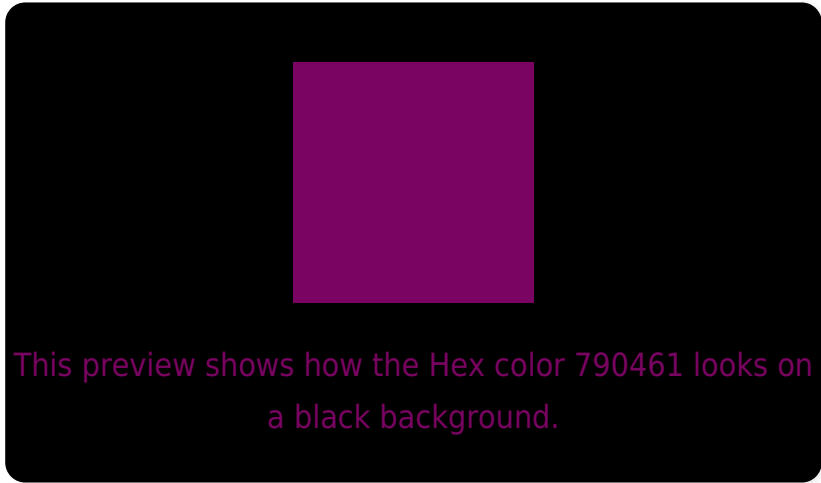
Large Text (above 18pt) WCAG AA ✓ Pass

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

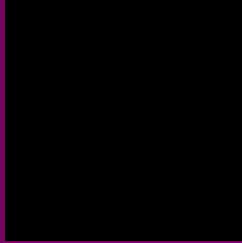
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 790461 Background



This preview shows how black text looks on a background with the Hex color 790461.

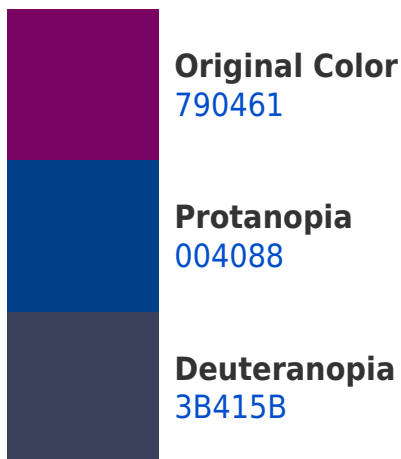


This preview shows how white text looks on a background with the Hex color 790461.

# 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





# Trichromacy



**Original Color**

790461



**Protanomaly**

2C2A7A



**Deuteranomaly**

522B5D



**Tritanomaly**

761A3D

# Monochromacy



**Original Color**

790461



**Achromatopsia**

323232



**Achromatomaly**

4C2143

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 790461 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 #790461 looks like.

```
.text, #text, p{  
    color:#790461  
}
```

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 #790461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #790461
}
```

## Border

The CSS property to change the border of an element to Hex 790461 is called "border". The border property can be set on classes, ids or directly on the HTML element.

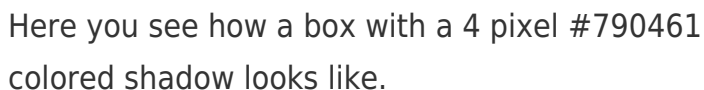
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#790461 }
```

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

```
.border{ border-color:#790461 }
```

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



Here you see how a box with a 4 pixel #790461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #790461; -webkit-box-shadow:4px 4px  
4px 4px #790461; box-shadow:4px 4px 4px  
4px #790461 }
```

# Background

The CSS property to change the background color of an element to Hex 790461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#790461 }
```

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

```
.background{ background-color:#790461 }
```

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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