

Converting Colors

Hex(790094)

Have a look what the booklet for
Hex(790094) contains.

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Color

Hex(790094)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 790094 |
| RGB | 121, 0, 148 |
| RGB Percent | 47%, 0%, 58% |
| CMY | 0.5255, 1.0000, 0.4196 |
| CMYK | 0.18, 1.00, 0.00, 0.42 |
| HSL | 289°, 100%, 29% |
| HSV | 289°, 100%, 58% |
| XYZ | 13.2305, 6.2031, 28.5170 |
| YIQ | 53.0510, 24.6080, 71.6800 |

Conversions

Conversions Part 2

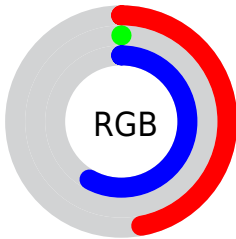
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 121, 0, 148 |
| Decimal | 7930004 |
| CIE _{Lab} | 29.92, 61.20, -48.79 |
| CIE _{LCh} | 30, 78.269, 321.438 |
| Yxy | 6.2031, 0.2759, 0.1294 |
| Android (android.graphics.Color) | 4286120084 (0xFF790094) |
| YUV | 53.0510, 46.8099, 59.5913 |
| Hunter-Lab | 24.9060, 51.2367, -50.4520 |

Details

The Hex color **790094** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **1B9400**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **B148CB**, and **420060** is the 20% darker color. If you saturate the color by 10%, you get **790094**, and if you desaturate by 10%, it is **7C0F94**.

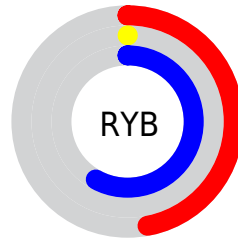
Distribution



Red (47%)

Green (0%)

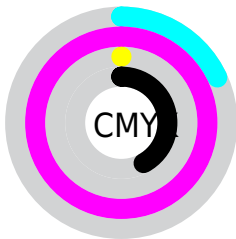
Blue (58%)



Red (47%)

Yellow (0%)

Blue (58%)

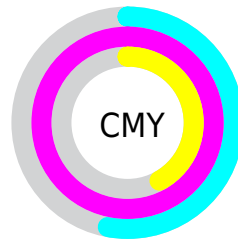


Cyan (18%)

Magenta (100%)

Yellow (0%)

Black (42%)



Cyan (53%)

Magenta (100%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 790094 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 790094 by changing the saturation by 10% instead.

 790094

 790094

FFFFFF

 5D007A

 B148CB

 420060

 CE64E7

 2B0048

 EC7FFF

 000030

 FF9BFF

 00011A

 FFB7FF

 000000

 FFD4FF

 FFF1FF

 790094

 7C0F94

 7E1E94

 812C94

 843B94

 874A94

 895994

 8C6894

 8F7694

 918594

Harmonies

Analogous

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



0040BB



790094



A3005B

Triad

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



790094



653E00



005D72

Complementary

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



790094



1B9400

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.



005B32



790094



2B5000

Square

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



790094



8F1100



005800



005CA7

Rectangle

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



790094



A90033



005800



005C5D

Sweetspot

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



790094



B586BF



001B94



5B3E61



E0E0E0



616161

Same Dimension

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



790094



9C00BF



940065



49434A



71008A



08000A

Inverse Universe

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



94001B



BF0023



00942F



4A4344



8A0019



0A0002

Previews

White Background



This preview shows how the Hex color 790094 looks on a white background.

Color Contrast Check

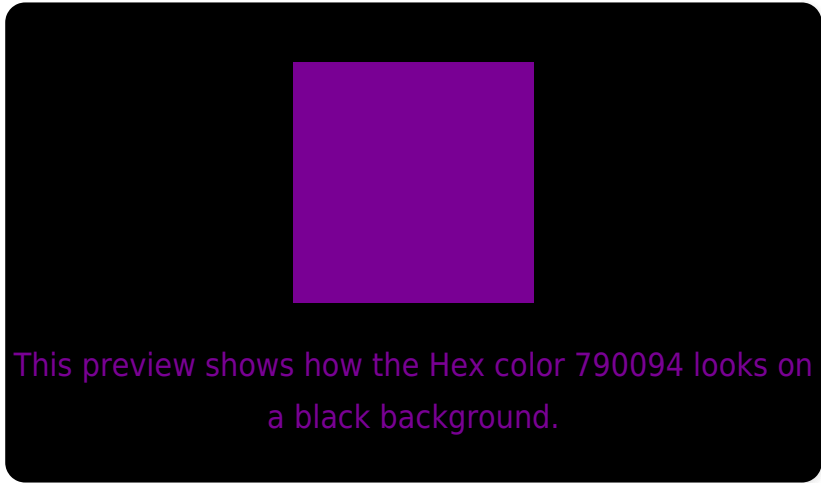
Large Text (above 18pt) WCAG AA ✓ Pass

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

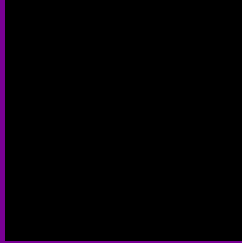
Any Text WCAG AA × Fail

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 790094 Background



This preview shows how black text looks on a background with the Hex color 790094.



This preview shows how white text looks on a background with the Hex color 790094.

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
790094

Protanopia
004796

Deuteranopia
004B84



Tritanopia
6D3A3E

Trichromacy



Original Color

790094



Protanomaly

2C2D95



Deuteranomaly

2C308A



Tritanomaly

71255D

Monochromacy



Original Color

790094



Achromatopsia

353535



Achromatomaly

4E2258

CSS Examples

Text

The CSS property to change the color of the text to Hex 790094 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 #790094 looks like.

```
.text, #text, p{  
    color:#790094  
}
```

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 #790094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #790094
}
```

Border

The CSS property to change the border of an element to Hex 790094 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
#790094 }
```

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

```
.border{ border-color:#790094 }
```

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

Here you see how a box with a 4 pixel #790094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #790094; -webkit-box-shadow:4px 4px  
4px 4px #790094; box-shadow:4px 4px 4px  
4px #790094 }
```

Background

The CSS property to change the background color of an element to Hex 790094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#790094 }
```

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

```
.background{ background-color:#790094 }
```

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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