

# Converting Colors

Hex(790934)

Have a look what the booklet for  
Hex(790934) contains.

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**Color**

**Hex(790934)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	790934
RGB	121, 9, 52
RGB Percent	47%, 4%, 20%
CMY	0.5255, 0.9647, 0.7961
CMYK	0.00, 0.93, 0.57, 0.53
HSL	337°, 86%, 25%
HSV	337°, 93%, 47%
XYZ	8.6027, 4.5083, 3.6656
YIQ	47.3900, 52.9490, 37.1170

# Conversions

## Conversions Part 2

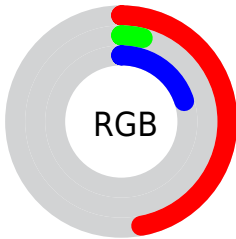
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 9, 52
Decimal	7932212
CIELab	25.29, 46.54, 6.60
CIElCh	25, 47.005, 8.075
Yxy	4.5083, 0.5128, 0.2687
Android (android.graphics.Color)	4286122292 (0xFF790934)
YUV	47.3900, 2.2727, 64.5560
Hunter-Lab	21.2327, 35.1644, 4.6271

# Details

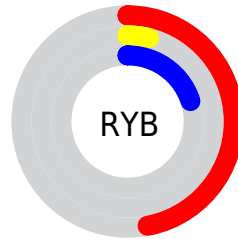
The Hex color **790934** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **09794E**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **B24662**, and **420006** is the 20% darker color. If you saturate the color by 10%, you get **79002E**, and if you desaturate by 10%, it is **79153B**.

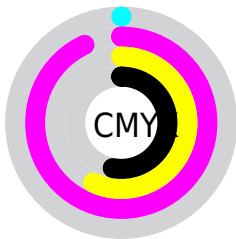
# Distribution



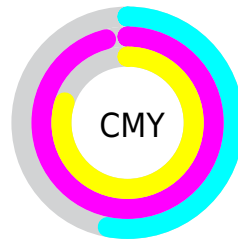
- Red (47%)
- Green (4%)
- Blue (20%)



- Red (47%)
- Yellow (4%)
- Blue (20%)



- Cyan (0%)
- Magenta (93%)
- Yellow (57%)
- Black (53%)



- Cyan (53%)
- Magenta (96%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 790934 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 790934 by changing the saturation by 10% instead.



 790934

 790934

FFFFFF

 5D001F

 B24662

 420006

 D0607B

 270001

 ED7B95

 000000

 FF96AF

 FFB2CB

 FFC EE7

 FFE BFF

 790934

 790934

■ 79002E

■ 79153B

■ 792143

■ 792D4A

■ 793952

■ 794559

■ 795261

■ 795E68

■ 796A70

■ 797677

# Harmonies

## Analogous

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



6C1757



790934



731C11

# Triad

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



790934



194600



00477E

# Complementary

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



790934



09794E

# 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.



004B67



790934



004A1F

# Square

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



790934



423E00



004B45



003E83

# Rectangle

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



790934



672A00



004B45



004978



# Sweetspot

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



790934



9E7283



4C0979



4F343E



CFCFCF



4F4F4F



# Same Dimension

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



790934



9E003D



791409



3D3739



7D0030



FC0061



# Inverse Universe

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



790934



9E003D



096E79



3D3739



7D0030

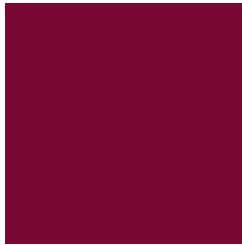


FC0061



# Previews

## White Background



This preview shows how the Hex color 790934 looks on a white background.

## Color Contrast Check

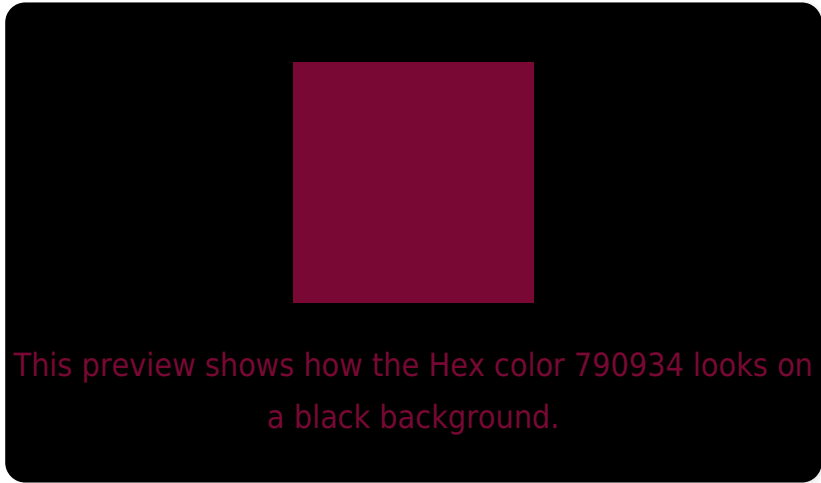
Large Text (above 18pt) WCAG AA ✓ Pass

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 790934 Background



This preview shows how black text looks on a background with the Hex color 790934.



This preview shows how white text looks on a background with the Hex color 790934.

# 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**  
790934

**Protanopia**  
3C3E4B

**Deuteranopia**  
4A3C2F



**Tritanopia**  
781616

# Trichromacy



**Original Color**  
790934

**Protanomaly**  
522B43

**Deuteranomaly**  
5B2931

**Tritanomaly**  
781121

# Monochromacy



**Original Color**  
790934

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
4A2131

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 790934 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 #790934 looks like.

```
.text, #text, p{  
    color:#790934  
}
```

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 #790934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #790934
}
```

## Border

The CSS property to change the border of an element to Hex 790934 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
#790934 }
```

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

```
.border{ border-color:#790934 }
```

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

Here you see how a box with a 4 pixel #790934 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #790934; -webkit-box-shadow:4px 4px  
4px 4px #790934; box-shadow:4px 4px 4px  
4px #790934 }
```

# Background

The CSS property to change the background color of an element to Hex 790934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#790934 }
```

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

```
.background{ background-color:#790934 }
```

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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