

# Converting Colors

Hex(792049)

Have a look what the booklet for  
Hex(792049) contains.

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**Color**

**Hex(792049)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	792049
RGB	121, 32, 73
RGB Percent	47%, 13%, 29%
CMY	0.5255, 0.8745, 0.7137
CMYK	0.00, 0.74, 0.40, 0.53
HSL	332°, 58%, 30%
HSV	332°, 74%, 47%
XYZ	9.6043, 5.5790, 6.8740
YIQ	63.2850, 39.8830, 31.6190

# Conversions

## Conversions Part 2

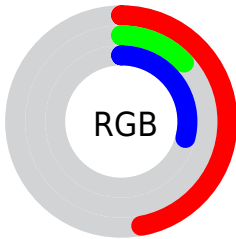
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 32, 73
Decimal	7938121
CIE <sub>Lab</sub>	28.32, 41.83, -3.22
CIE <sub>LCh</sub>	28, 41.957, 355.605
Yxy	5.5790, 0.4354, 0.2529
Android (android.graphics.Color)	4286128201 (0xFF792049)
YUV	63.2850, 4.7895, 50.6161
Hunter-Lab	23.6199, 31.2463, -0.7209

# Details

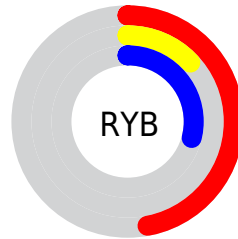
The Hex color **792049** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **207950**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **B15479**, and **44001E** is the 20% darker color. If you saturate the color by 10%, you get **791442**, and if you desaturate by 10%, it is **792C50**.

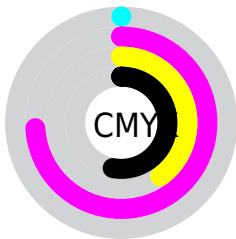
# Distribution



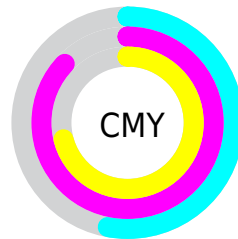
- Red (47%)
- Green (13%)
- Blue (29%)



- Red (47%)
- Yellow (13%)
- Blue (29%)



- Cyan (0%)
- Magenta (74%)
- Yellow (40%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 792049 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 792049 by changing the saturation by 10% instead.



 792049

 792049

FFFFFF

 5E0033

 B15479

 44001E

 CD6E93

 2E0002

 EB89AE

 000000

 FFA4C9

 FFC0E5

 FFD0FF

 FFF9FF

 792049

 792049

■ 791442

■ 792C50

■ 79083C

■ 793856

■ 790038

■ 79445D

■ 795063

■ 795C6A

■ 796970

■ 797577

■ 79817D

■ 798D84

# Harmonies

## Analogous

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



652C68



792049



7A2429

# Triad

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



792049



374900



004F78

# Complementary

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



792049



207950

# 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.



00515E



792049



004F1C

# Square

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



792049



564000



00513D



004884

# Rectangle

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



792049



732D15



00513D



005071



# Sweetspot

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



792049



9E7B8B



4F2079



4F3A44



CFCFCF



4F4F4F



# Same Dimension

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



792049



9E1353



792320



3D373A



7D003A



FC0074



# Inverse Universe

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



792049



9E1353



207679



3D373A



7D003A

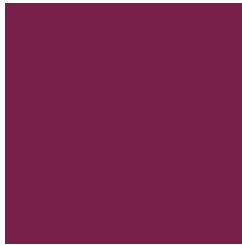


FC0074



# Previews

## White Background



This preview shows how the Hex color 792049 looks on a white background.

## Color Contrast Check

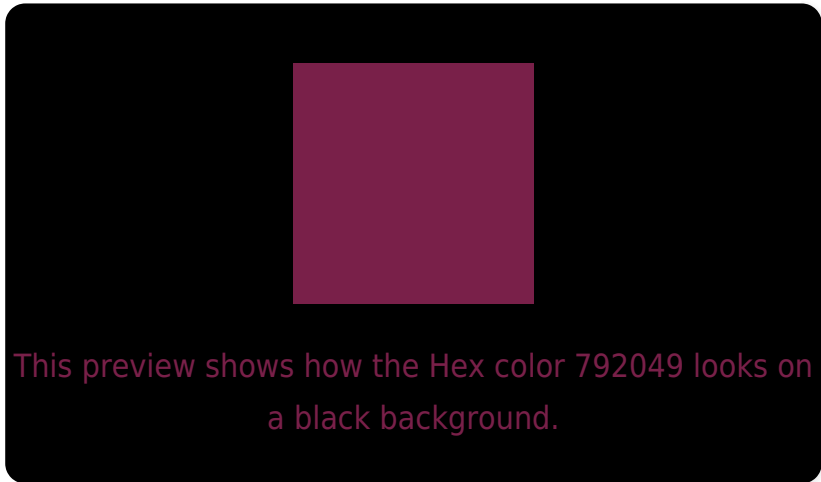
Large Text (above 18pt) WCAG AA ✓ Pass

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 792049 Background



This preview shows how black text looks on a background with the Hex color 792049.

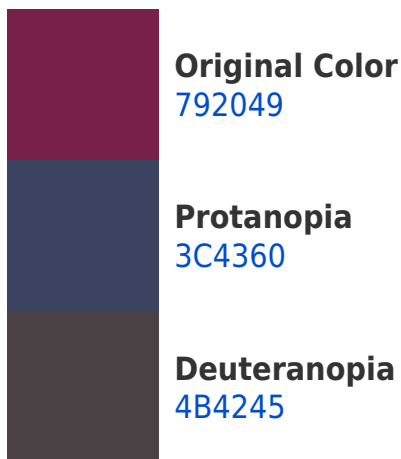



This preview shows how white text looks on a background with the Hex color 792049.

# 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





**Tritanopia**  
77282A

# Trichromacy



**Original Color**  
792049

**Protanomaly**  
523658

**Deuteranomaly**  
5C3646

**Tritanomaly**  
782535

# Monochromacy



**Original Color**  
792049

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
543443

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 792049 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 #792049 looks like.

```
.text, #text, p{  
    color:#792049  
}
```

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 #792049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #792049
}
```

## Border

The CSS property to change the border of an element to Hex 792049 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
#792049 }
```

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

```
.border{ border-color:#792049 }
```

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

Here you see how a box with a 4 pixel #792049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #792049; -webkit-box-shadow:4px 4px  
4px 4px #792049; box-shadow:4px 4px 4px  
4px #792049 }
```

# Background

The CSS property to change the background color of an element to Hex 792049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#792049 }
```

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

```
.background{ background-color:#792049 }
```

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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