

# Converting Colors

Hex(772269)

Have a look what the booklet for  
Hex(772269) contains.

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# Color

**Hex(772269)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	772269
RGB	119, 34, 105
RGB Percent	47%, 13%, 41%
CMY	0.5333, 0.8667, 0.5882
CMYK	0.00, 0.71, 0.12, 0.53
HSL	310°, 56%, 30%
HSV	310°, 71%, 47%
XYZ	10.7296, 6.0859, 13.9738
YIQ	67.5090, 27.8690, 40.1010

# Conversions

## Conversions Part 2

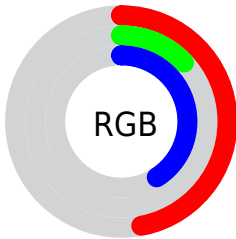
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 34, 105
Decimal	7807593
CIE <sub>Lab</sub>	29.63, 44.98, -22.21
CIE <sub>LCh</sub>	30, 50.162, 333.716
Yxy	6.0859, 0.3485, 0.1977
Android (android.graphics.Color)	4285997673 (0xFF772269)
YUV	67.5090, 18.4831, 45.1576
Hunter-Lab	24.6696, 34.4632, -16.3153

# Details

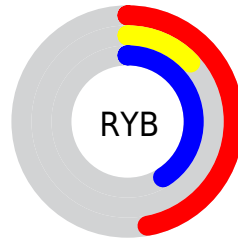
The Hex color **772269** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **227730**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **AE569D**, and **430039** is the 20% darker color. If you saturate the color by 10%, you get **771667**, and if you desaturate by 10%, it is **772E6B**.

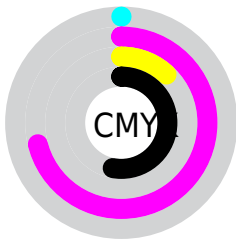
# Distribution



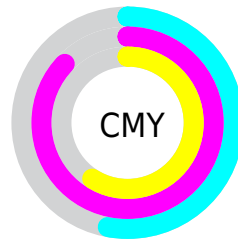
- Red (47%)
- Green (13%)
- Blue (41%)



- Red (47%)
- Yellow (13%)
- Blue (41%)



- Cyan (0%)
- Magenta (71%)
- Yellow (12%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 772269 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 772269 by changing the saturation by 10% instead.



 772269

 772269

FFFFFF

 5D0051

 AE569D

 430039

 CA71B7

 2E0024

 E78BD3

 00000B

 FFA7F0

 000000

 FFC2FF

 FFDFFF

 FFFCFF

 772269

 772269

771667

772E6B

770A65

773A6D

770063

77466F

775271

775E73

776975

777577

778179

778D7B

# Harmonies

## Analogous

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



493987



772269



881243

# Triad

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



772269



524600



005670

# Complementary

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



772269



227730

# 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.



00564A



772269



294F00

# Square

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



772269



703600



005421



00538C

# Rectangle

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



772269



881A29



005421



005764



# Sweetspot

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



772269



9C7B96



2F2277



4F3B4C



CFCFCF



4F4F4F



# Same Dimension

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



772269



9C1686



772240



3B353A



7A0066



FA00D1



# Inverse Universe

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



772269



9C1686



227759



3B353A



7A0066

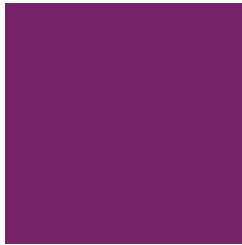


FA00D1



# Previews

## White Background



This preview shows how the Hex color 772269 looks on a white background.

## Color Contrast Check

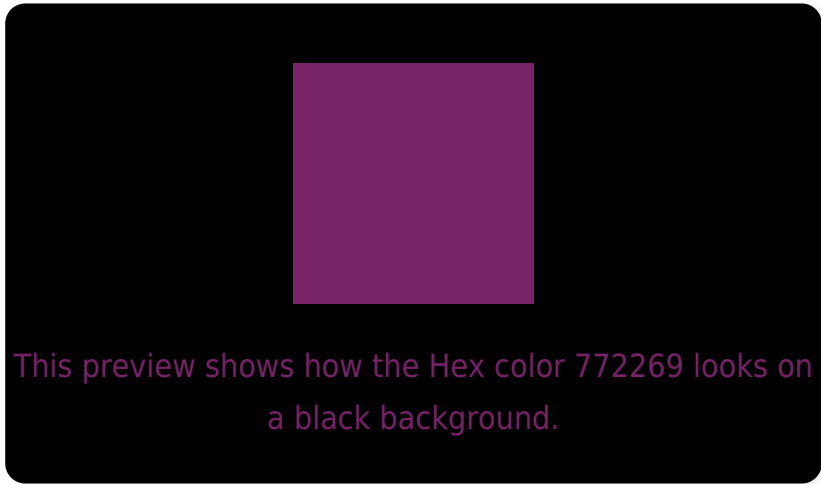
Large Text (above 18pt) WCAG AA ✓ Pass

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

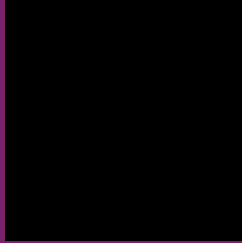
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 772269 Background



This preview shows how black text looks on a background with the Hex color 772269.




This preview shows how white text looks on a background with the Hex color 772269.

# 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**  
723236

# Trichromacy



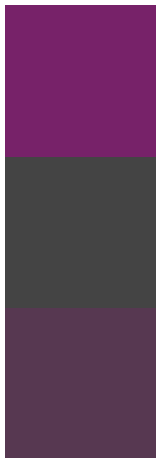
**Original Color**  
772269

**Protanomaly**  
41387C

**Deuteranomaly**  
523966

**Tritanomaly**  
742C49

# Monochromacy



**Original Color**  
772269

**Achromatopsia**  
444444

**Achromatomaly**  
573851

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 772269 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 #772269 looks like.

```
.text, #text, p{  
    color:#772269  
}
```

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 #772269 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #772269
}
```

## Border

The CSS property to change the border of an element to Hex 772269 is called "border". The border property can be set on classes, ids or directly on the HTML element.

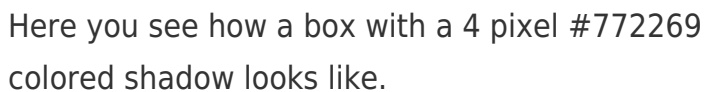
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#772269 }
```

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

```
.border{ border-color:#772269 }
```

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



Here you see how a box with a 4 pixel #772269 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #772269; -webkit-box-shadow:4px 4px  
4px 4px #772269; box-shadow:4px 4px 4px  
4px #772269 }
```

# Background

The CSS property to change the background color of an element to Hex 772269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#772269 }
```

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

```
.background{ background-color:#772269 }
```

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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