

# Converting Colors

Hex(772568)

Have a look what the booklet for  
Hex(772568) contains.

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# Color

**Hex(772568)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	772568
RGB	119, 37, 104
RGB Percent	47%, 15%, 41%
CMY	0.5333, 0.8549, 0.5922
CMYK	0.00, 0.69, 0.13, 0.53
HSL	311°, 53%, 31%
HSV	311°, 69%, 47%
XYZ	10.7680, 6.2446, 13.7345
YIQ	69.1560, 27.3650, 38.2210

# Conversions

## Conversions Part 2

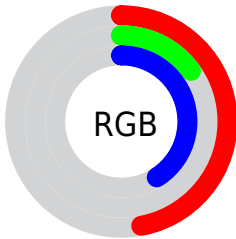
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 37, 104
Decimal	7808360
CIE <sub>Lab</sub>	30.02, 43.57, -20.96
CIE <sub>LCh</sub>	30, 48.347, 334.313
Yxy	6.2446, 0.3502, 0.2031
Android (android.graphics.Color)	4285998440 (0xFF772568)
YUV	69.1560, 17.1781, 43.7132
Hunter-Lab	24.9891, 33.1862, -15.0945

# Details

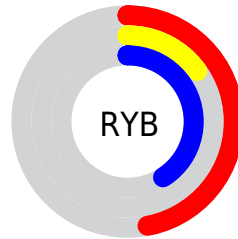
The Hex color **772568** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **257734**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **AE599B**, and **430039** is the 20% darker color. If you saturate the color by 10%, you get **771966**, and if you desaturate by 10%, it is **77316A**.

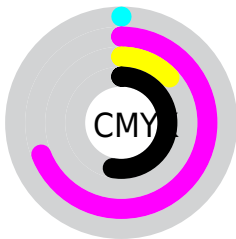
# Distribution



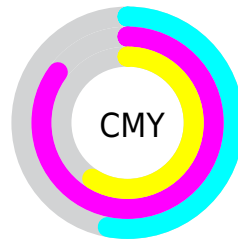
- Red (47%)
- Green (15%)
- Blue (41%)



- Red (47%)
- Yellow (15%)
- Blue (41%)



- Cyan (0%)
- Magenta (69%)
- Yellow (13%)
- Black (53%)



- Cyan (53%)
- Magenta (85%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 772568 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 772568 by changing the saturation by 10% instead.



 772568

 772568

FFFFFF

 5D0550

 AE599B

 430039

 CA73B6

 2E0023

 E78DD2

 000009

 FFA9EE

 000000

 FFC5FF

 FFE1FF

 FFFEFF

 772568

 772568

■ 771966

■ 77316A

■ 770D64

■ 773D6C

■ 770161

■ 77496F

■ 770061

■ 775571

■ 776173

■ 776C75

■ 777877

■ 778479

■ 77907C

# Harmonies

## Analogous

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



4C3A85



772568



871843

# Triad

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



772568



524700



005770

# Complementary

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



772568



257734

# 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.



00574B



772568



2A5000

# Square

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



772568



703800



005524



00538B

# Rectangle

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



772568



871F2A



005524



005765



# Sweetspot

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



772568



9C7B96



332577



4F3B4B



CFCFCF



4F4F4F



# Same Dimension

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



772568



9C1A84



772540



3B353A



7A0064



FA00CC



# Inverse Universe

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



772568



9C1A84



25775C



3B353A



7A0064

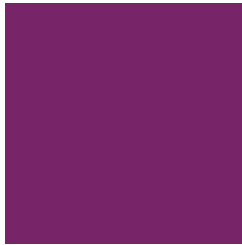


FA00CC



# Previews

## White Background



This preview shows how the Hex color 772568 looks on a white background.

## Color Contrast Check

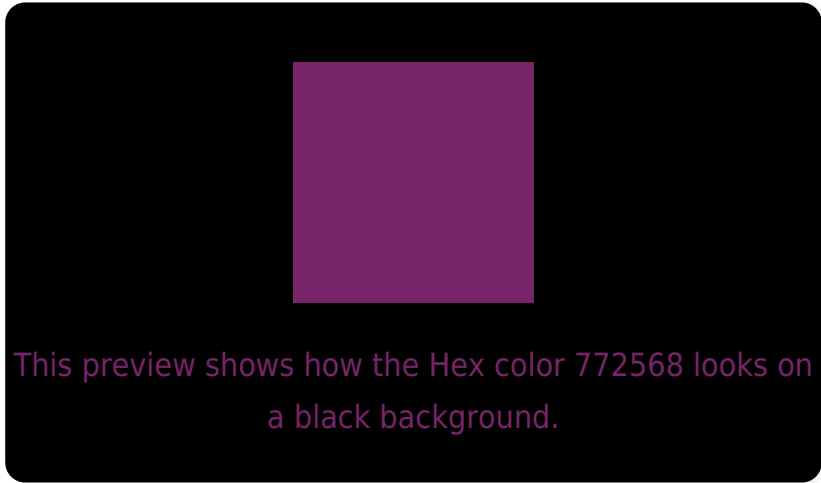
Large Text (above 18pt) WCAG AA ✓ Pass

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

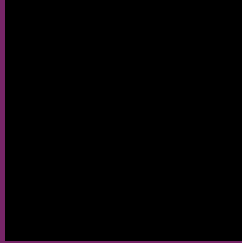
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 772568 Background



This preview shows how black text looks on a background with the Hex color 772568.



This preview shows how white text looks on a background with the Hex color 772568.

# 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



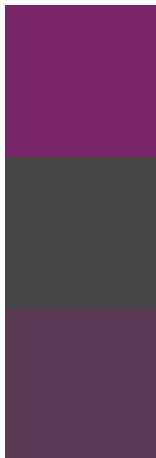
**Original Color**  
772568

**Protanomaly**  
453A7A

**Deuteranomaly**  
533B65

**Tritanomaly**  
742F49

# Monochromacy



**Original Color**  
772568

**Achromatopsia**  
454545

**Achromatomaly**  
573952

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 772568 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 #772568 looks like.

```
.text, #text, p{  
    color:#772568  
}
```

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 #772568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #772568
}
```

## Border

The CSS property to change the border of an element to Hex 772568 is called "border". The border property can be set on classes, ids or directly on the HTML element.

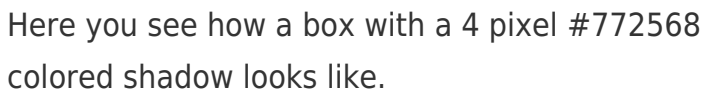
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#772568 }
```

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

```
.border{ border-color:#772568 }
```

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



Here you see how a box with a 4 pixel #772568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #772568; -webkit-box-shadow:4px 4px  
4px 4px #772568; box-shadow:4px 4px 4px  
4px #772568 }
```

# Background

The CSS property to change the background color of an element to Hex 772568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#772568 }
```

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

```
.background{ background-color:#772568 }
```

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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