

# Converting Colors

Hex(773039)

Have a look what the booklet for  
Hex(773039) contains.

<b>Hex(773039)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(773039)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	773039
RGB	119, 48, 57
RGB Percent	47%, 19%, 22%
CMY	0.5333, 0.8118, 0.7765
CMYK	0.00, 0.60, 0.52, 0.53
HSL	352°, 43%, 33%
HSV	352°, 60%, 47%
XYZ	9.4032, 6.3313, 4.5973
YIQ	70.2550, 39.4270, 17.8510

# Conversions

## Conversions Part 2

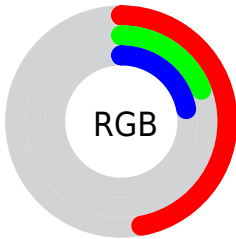
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 48, 57
Decimal	7811129
CIE <sub>Lab</sub>	30.23, 31.97, 10.07
CIE <sub>LCh</sub>	30, 33.518, 17.483
Yxy	6.3313, 0.4625, 0.3114
Android (android.graphics.Color)	4286001209 (0xFF773039)
YUV	70.2550, -6.5347, 42.7494
Hunter-Lab	25.1620, 22.6733, 6.7805

# Details

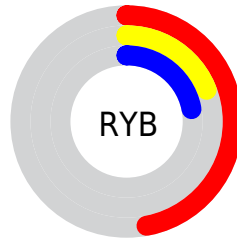
The Hex color **773039** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **30776E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **AE6168**, and **42000E** is the 20% darker color. If you saturate the color by 10%, you get **77242F**, and if you desaturate by 10%, it is **773C43**.

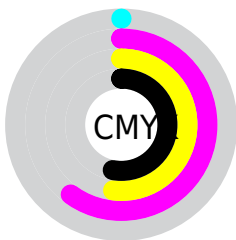
# Distribution



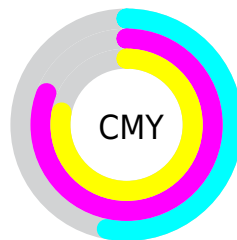
- Red (47%)
- Green (19%)
- Blue (22%)



- Red (47%)
- Yellow (19%)
- Blue (22%)



- Cyan (0%)
- Magenta (60%)
- Yellow (52%)
- Black (53%)



- Cyan (53%)
- Magenta (81%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 773039 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 773039 by changing the saturation by 10% instead.



 773039

 773039

FFFFFF

 5C1824

 AE6168

 42000E

 CB7B81

 2C0001

 E8959B

 000000

 FFB0B6

 FFCCD1

 FFE8ED

 773039

 773039

 77242F

 773C43

■ 771824

■ 77484E

■ 770C1A

■ 775458

■ 77000F

■ 776063

■ 776B6D

■ 777777

■ 778382

■ 778F8C

■ 779B97

# Harmonies

## Analogous

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



713153



773039



703822

# Triad

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



773039



285022



004D7A

# Complementary

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



773039



30776E

# 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.



00526D



773039



00533B

# Square

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



773039



474B11



005456



344579

# Rectangle

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



773039



653F16



005456



004F77



# Sweetspot

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



773039



9C8083



6E3077



4F3E40



CFCFCF



4F4F4F



# Same Dimension

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



773039



9C2C3A



774A30



3B3536



7A0010



FA0020



# Inverse Universe

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



773039



9C2C3A



305D77



3B3536



7A0010

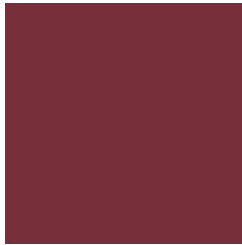


FA0020



# Previews

## White Background



This preview shows how the Hex color 773039 looks on a white background.

## Color Contrast Check

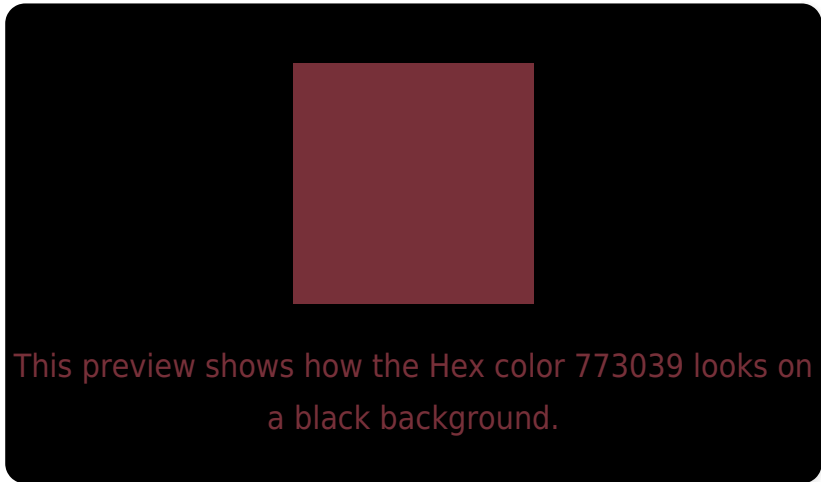
Large Text (above 18pt) WCAG AA ✓ Pass

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

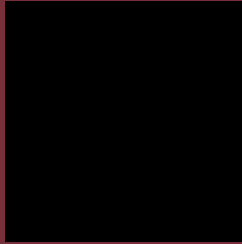
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 773039 Background



This preview shows how black text looks on a background with the Hex color 773039.



This preview shows how white text looks on a background with the Hex color 773039.

# 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**  
773039

**Protanopia**  
4A4845

**Deuteranopia**  
554536



# Trichromacy



**Original Color**  
773039

**Protanomaly**  
5A3F41

**Deuteranomaly**  
613D37

**Tritanomaly**  
773136

# Monochromacy



**Original Color**  
773039

**Achromatopsia**  
464646

**Achromatomaly**  
583E41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 773039 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 #773039 looks like.

```
.text, #text, p{  
    color:#773039  
}
```

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 #773039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #773039
}
```

## Border

The CSS property to change the border of an element to Hex 773039 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
#773039 }
```

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

```
.border{ border-color:#773039 }
```

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

Here you see how a box with a 4 pixel #773039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #773039; -webkit-box-shadow:4px 4px  
4px 4px #773039; box-shadow:4px 4px 4px  
4px #773039 }
```

# Background

The CSS property to change the background color of an element to Hex 773039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#773039 }
```

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

```
.background{ background-color:#773039 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor