

# Converting Colors

Hex(672763)

Have a look what the booklet for  
Hex(672763) contains.

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# Color

**Hex(672763)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	672763
RGB	103, 39, 99
RGB Percent	40%, 15%, 39%
CMY	0.5961, 0.8471, 0.6118
CMYK	0.00, 0.62, 0.04, 0.60
HSL	304°, 45%, 28%
HSV	304°, 62%, 40%
XYZ	8.5712, 5.2355, 12.3632
YIQ	64.9760, 18.8840, 32.2280

# Conversions

## Conversions Part 2

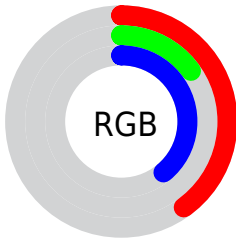
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 39, 99
Decimal	6760291
CIE <sub>Lab</sub>	27.40, 37.17, -22.03
CIE <sub>LCh</sub>	27, 43.206, 329.348
Yxy	5.2355, 0.3275, 0.2001
Android (android.graphics.Color)	4284950371 (0xFF672763)
YUV	64.9760, 16.7738, 33.3470
Hunter-Lab	22.8811, 26.8234, -16.0189

# Details

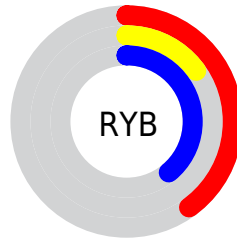
The Hex color **672763** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **27672B**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9C5896**, and **350034** is the 20% darker color. If you saturate the color by 10%, you get **671D62**, and if you desaturate by 10%, it is **673164**.

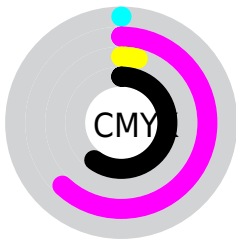
# Distribution



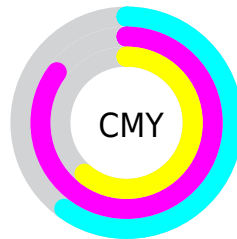
- Red (40%)
- Green (15%)
- Blue (39%)



- Red (40%)
- Yellow (15%)
- Blue (39%)



- Cyan (0%)
- Magenta (62%)
- Yellow (4%)
- Black (60%)



- Cyan (60%)
- Magenta (85%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 672763 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 672763 by changing the saturation by 10% instead.



672763

672763

FFFFFF

4E0C4B

9C5896

350034

B872B1

20001F

D48CCC

000001

F1A7E9

000000

FFC3FF

FFDFFF

FFFCFF

672763

672763

671D62

673164

671262

673C64

670861

674665

670061

675066

675B66

676567

676F68

677968

678469

# Harmonies

## Analogous

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



3C387B



672763



791B43

# Triad

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



672763



503F00



004F60

# Complementary

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



672763



27672B

# 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.



004F3F



672763



2F4800

# Square

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



672763



693102



004D1C



004C7A

# Rectangle

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



672763



7A1D2D



004D1C



004F56



# Sweetspot

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



672763



876D86



2A2767



453544



C4C4C4



454545



# Same Dimension

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



672763



872281



672744



332E33



73006C



F200E3



# Inverse Universe

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



672763



872281



27674A



332E33



73006C

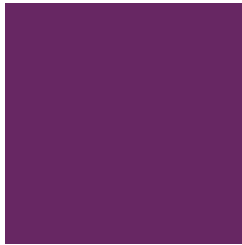


F200E3



# Previews

## White Background



This preview shows how the Hex color 672763 looks on a white background.

## Color Contrast Check

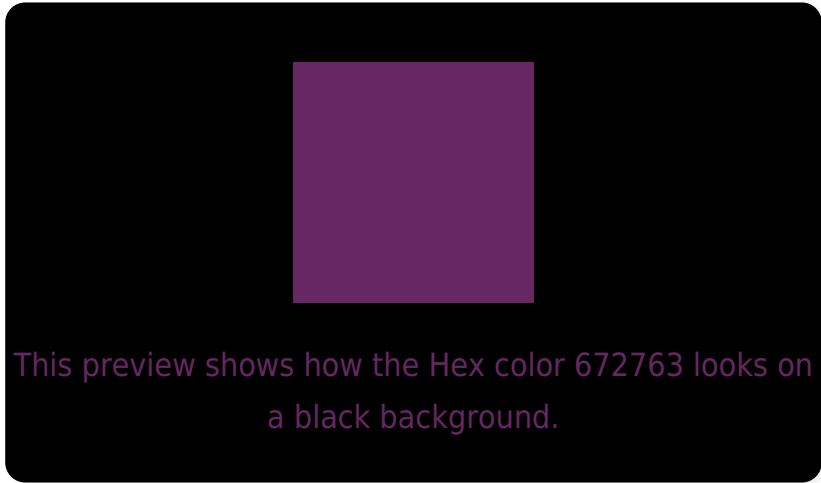
Large Text (above 18pt) WCAG AA ✓ Pass

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

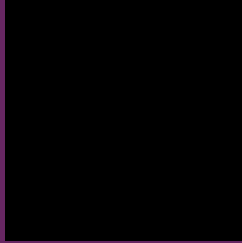
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 672763 Background



This preview shows how black text looks on a background with the Hex color 672763.

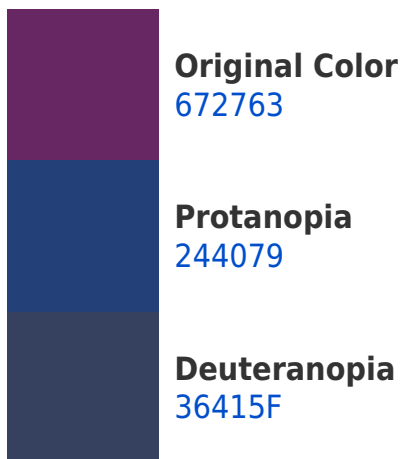



This preview shows how white text looks on a background with the Hex color 672763.

# 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**  
623337

# Trichromacy



**Original Color**  
672763

**Protanomaly**  
3C3771

**Deuteranomaly**  
483860

**Tritanomaly**  
642F47

# Monochromacy



**Original Color**  
672763

**Achromatopsia**  
414141

**Achromatomaly**  
4F384D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 672763 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 #672763 looks like.

```
.text, #text, p{  
  color:#672763  
}
```

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 #672763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #672763
}
```

## Border

The CSS property to change the border of an element to Hex 672763 is called "border". The border property can be set on classes, ids or directly on the HTML element.

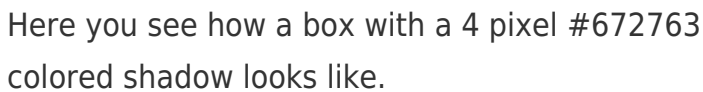
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#672763 }
```

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

```
.border{ border-color:#672763 }
```

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



Here you see how a box with a 4 pixel #672763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #672763; -webkit-box-shadow:4px 4px  
4px 4px #672763; box-shadow:4px 4px 4px  
4px #672763 }
```

# Background

The CSS property to change the background color of an element to Hex 672763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#672763 }
```

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

```
.background{ background-color:#672763 }
```

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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