

# Converting Colors

Hex(673875)

Have a look what the booklet for  
Hex(673875) contains.

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# Color

**Hex(673875)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	673875
RGB	103, 56, 117
RGB Percent	40%, 22%, 46%
CMY	0.5961, 0.7804, 0.5412
CMYK	0.12, 0.52, 0.00, 0.54
HSL	286°, 35%, 34%
HSV	286°, 52%, 46%
XYZ	10.2186, 6.9963, 17.6415
YIQ	77.0070, 8.4310, 28.9350

# Conversions

## Conversions Part 2

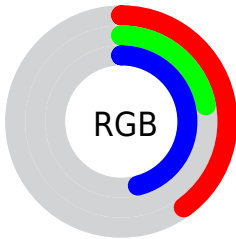
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 56, 117
Decimal	6764661
CIE <sub>Lab</sub>	31.80, 31.72, -26.62
CIE <sub>LCh</sub>	32, 41.413, 319.997
Yxy	6.9963, 0.2932, 0.2007
Android (android.graphics.Color)	4284954741 (0xFF673875)
YUV	77.0070, 19.7165, 22.7959
Hunter-Lab	26.4505, 22.6714, -21.0289

# Details

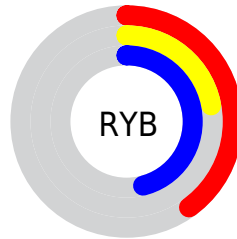
The Hex color **673875** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **467538**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **9C69A9**, and **360844** is the 20% darker color. If you saturate the color by 10%, you get **642C75**, and if you desaturate by 10%, it is **6A4475**.

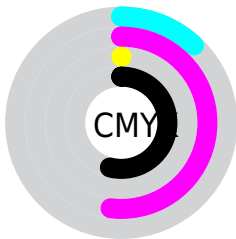
# Distribution



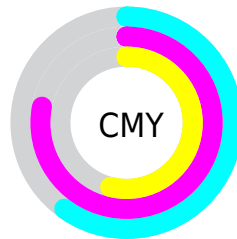
- Red (40%)
- Green (22%)
- Blue (46%)



- Red (40%)
- Yellow (22%)
- Blue (46%)



- Cyan (12%)
- Magenta (52%)
- Yellow (0%)
- Black (54%)



- Cyan (60%)
- Magenta (78%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 673875 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 673875 by changing the saturation by 10% instead.



673875

673875

FFFFFF

4E215C

9C69A9

360844

B782C5

21002E

D39DE1

000118

F0B8FE

000000

FFD4FF

FFF1FF

673875

673875

642C75

6A4475

622175

6C4F75

5F1575

6F5B75

5C0975

726775

5A0075

747275

777E75

7A8A75

7C9675

7FA175

# Harmonies

## Analogous

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



344788



673875



802B57

# Triad

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



673875



644501



005A60

# Complementary

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



673875



467538

# 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.



00593E



673875



465002

# Square

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



673875



7A3819



1B561E



00587C

# Rectangle

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



673875



852A41



1B561E



005A55



# Sweetspot

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



673875



938199



384675



493E4D



CCCCCC



4D4D4D



# Same Dimension

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



673875



833999



753865



39353B



5E007A



C100FA



# Inverse Universe

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



753846



99394F



387548



3B3536



7A001C



FA0039



# Previews

## White Background



This preview shows how the Hex color 673875 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

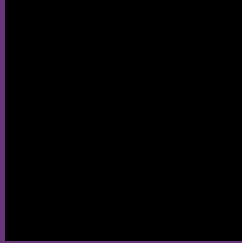
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 673875 Background



This preview shows how black text looks on a background with the Hex color 673875.




This preview shows how white text looks on a background with the Hex color 673875.

# 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**  
614348

# Trichromacy



**Original Color**  
673875

**Protanomaly**  
44437F

**Deuteranomaly**  
4A4472

**Tritanomaly**  
633F58

# Monochromacy



**Original Color**  
673875

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
56455C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 673875 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 #673875 looks like.

```
.text, #text, p{  
    color:#673875  
}
```

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 #673875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673875
}
```

## Border

The CSS property to change the border of an element to Hex 673875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

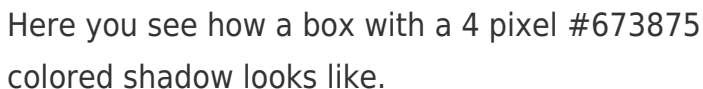
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#673875 }
```

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

```
.border{ border-color:#673875 }
```

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



Here you see how a box with a 4 pixel #673875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673875; -webkit-box-shadow:4px 4px  
4px 4px #673875; box-shadow:4px 4px 4px  
4px #673875 }
```

# Background

The CSS property to change the background color of an element to Hex 673875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673875 }
```

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

```
.background{ background-color:#673875 }
```

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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