

Converting Colors

Hex(673977)

Have a look what the booklet for
Hex(673977) contains.

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Color

Hex(673977)

Conversions

Conversions Part 1

Format	Color
Hex	673977
RGB	103, 57, 119
RGB Percent	40%, 22%, 47%
CMY	0.5961, 0.7765, 0.5333
CMYK	0.13, 0.52, 0.00, 0.53
HSL	285°, 35%, 35%
HSV	285°, 52%, 47%
XYZ	10.3864, 7.1417, 18.2838
YIQ	77.8220, 7.5140, 29.0340

Conversions

Conversions Part 2

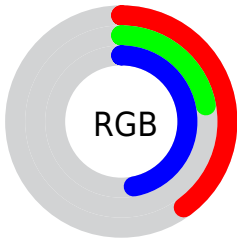
Format	Color
R_{YB}	103, 57, 119
Decimal	6764919
CIE _{Lab}	32.13, 31.60, -27.36
CIE _{LCh}	32, 41.799, 319.111
Y _{xy}	7.1417, 0.2900, 0.1994
Android (android.graphics.Color)	4284954999 (0xFF673977)
YUV	77.8220, 20.3008, 22.0811
Hunter-Lab	26.7240, 22.6079, -21.8578

Details

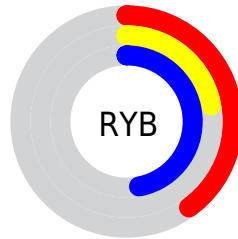
The Hex color **673977** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **497739**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9C6AAC**, and **360A46** is the 20% darker color. If you saturate the color by 10%, you get **642D77**, and if you desaturate by 10%, it is **6A4577**.

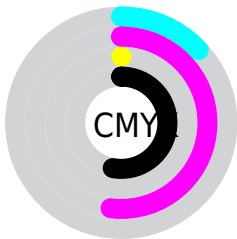
Distribution



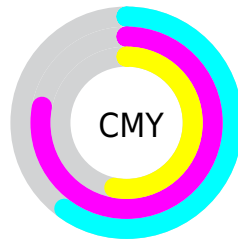
- Red (40%)
- Green (22%)
- Blue (47%)



- Red (40%)
- Yellow (22%)
- Blue (47%)



- Cyan (13%)
- Magenta (52%)
- Yellow (0%)
- Black (53%)



- Cyan (60%)
- Magenta (78%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 673977 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 673977 by changing the saturation by 10% instead.

673977

673977

FFFFFF

4E225E

9C6AAC

360A46

B784C7

210030

D39EE3

00011A

F0B9FF

000000

FFD5FF

FFF2FF

673977

673977

642D77

6A4577

■ 612177

■ 6D5177

■ 5E1577

■ 705D77

■ 5B0977

■ 736977

■ 580077

■ 767477

■ 798077

■ 7C8C77

■ 809877

■ 83A477

Harmonies

Analogous

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



32488A



673977



802C59

Triad

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



673977



654601



005B60

Complementary

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



673977



497739

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.



005A3E



673977



475001

Square

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



673977



7C381A



1D571D



00597D

Rectangle

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



673977



862A43



1D571D



005B55

Sweetspot

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



673977



95839C



394A77



4B404F



CFCFCF



4F4F4F

Same Dimension

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



673977



823A9C



773969



39353B



5B007A



B900FA

Inverse Universe

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



773949



9C3A53



397747



3B3536



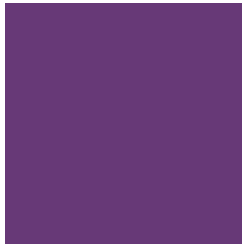
7A0020



FA0040

Previews

White Background



This preview shows how the Hex color 673977 looks on a white background.

Color Contrast Check

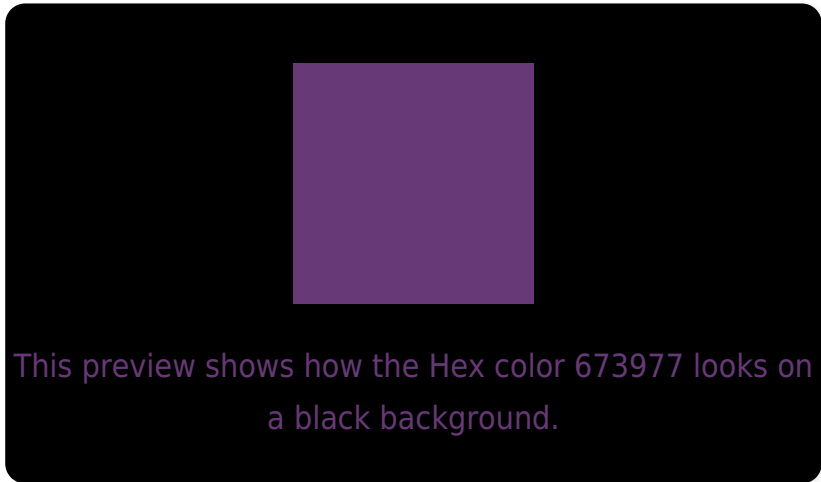
Large Text (above 18pt) WCAG AA ✓ Pass

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

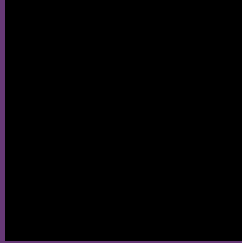
Any Text WCAG AA × Fail

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 673977 Background



This preview shows how black text looks on a background with the Hex color 673977.

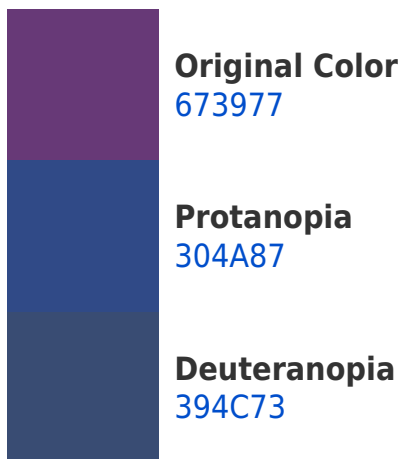



This preview shows how white text looks on a background with the Hex color 673977.

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
60444A

Trichromacy



Original Color
673977

Protanomaly
444481

Deuteranomaly
4A4574

Tritanomaly
63405A

Monochromacy



Original Color
673977

Achromatopsia
4E4E4E

Achromatomaly
57465D

CSS Examples

Text

The CSS property to change the color of the text to Hex 673977 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 #673977 looks like.

```
.text, #text, p{  
    color:#673977  
}
```

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 #673977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673977
}
```

Border

The CSS property to change the border of an element to Hex 673977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

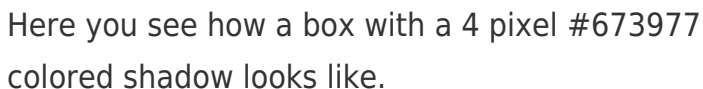
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#673977 }
```

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

```
.border{ border-color:#673977 }
```

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



Here you see how a box with a 4 pixel #673977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673977; -webkit-box-shadow:4px 4px  
4px 4px #673977; box-shadow:4px 4px 4px  
4px #673977 }
```

Background

The CSS property to change the background color of an element to Hex 673977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673977 }
```

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

```
.background{ background-color:#673977 }
```

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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