

Converting Colors

Hex(673369)

Have a look what the booklet for
Hex(673369) contains.

Hex(673369)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(673369)

Conversions

Conversions Part 1

Format	Color
Hex	673369
RGB	103, 51, 105
RGB Percent	40%, 20%, 41%
CMY	0.5961, 0.8000, 0.5882
CMYK	0.02, 0.51, 0.00, 0.59
HSL	298°, 35%, 31%
HSV	298°, 51%, 41%
XYZ	9.3271, 6.2711, 14.0835
YIQ	72.7040, 13.6580, 27.8180

Conversions

Conversions Part 2

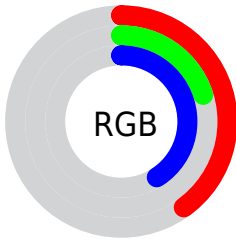
Format	Color
R_{YB}	103, 51, 105
Decimal	6763369
CIE _{Lab}	30.09, 31.98, -21.69
CIE _{LCh}	30, 38.637, 325.856
Yxy	6.2711, 0.3142, 0.2113
Android (android.graphics.Color)	4284953449 (0xFF673369)
YUV	72.7040, 15.9219, 26.5696
Hunter-Lab	25.0422, 22.6596, -15.8144

Details

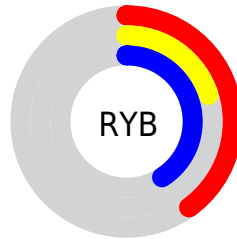
The Hex color **673369** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **356933**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **9C649C**, and **360339** is the 20% darker color. If you saturate the color by 10%, you get **672969**, and if you desaturate by 10%, it is **673E69**.

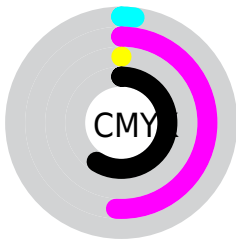
Distribution



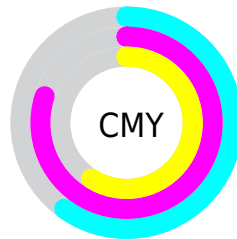
- Red (40%)
- Green (20%)
- Blue (41%)



- Red (40%)
- Yellow (20%)
- Blue (41%)



- Cyan (2%)
- Magenta (51%)
- Yellow (0%)
- Black (59%)



- Cyan (60%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 673369 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 673369 by changing the saturation by 10% instead.

673369

673369

FFFFFF

4E1B51

9C649C

360339

B77DB7

240024

D398D3

00000B

F0B3F0

000000

FFCEFF

FFEBFF

673369

673369

672969

673E69

661E69

684869

661469

685369

650969

695D69

650069

696869

697269

6A7D69

6A8769

6B9269

Harmonies

Analogous

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



3F417D



673369



7A294C

Triad

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



673369



594402



005560

Complementary

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



673369



356933

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.



005542



673369



3C4D09

Square

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



673369



6F3814



0F5223



005278

Rectangle

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



673369



7D2A38



0F5223



005556

Sweetspot

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



673369



89758A



333669



443845



C4C4C4



454545

Same Dimension

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



673369



87348A



693351



353036



710075



EC00F5

Inverse Universe

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



693335



8A3437



33694B



363030



750004



F50009

Previews

White Background



This preview shows how the Hex color 673369 looks on a white background.

Color Contrast Check

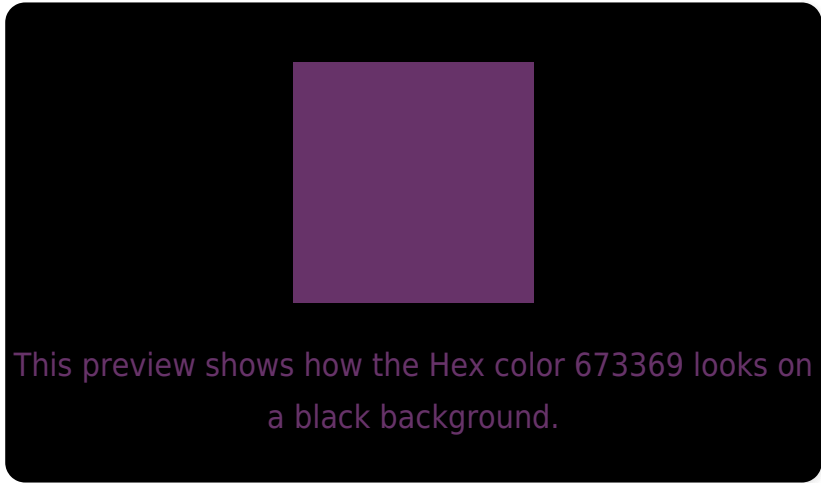
Large Text (above 18pt) WCAG AA ✓ Pass

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

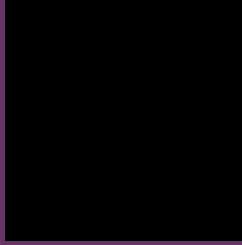
Any Text WCAG AA × Fail

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 673369 Background



This preview shows how black text looks on a background with the Hex color 673369.



This preview shows how white text looks on a background with the Hex color 673369.

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
623D41

Trichromacy



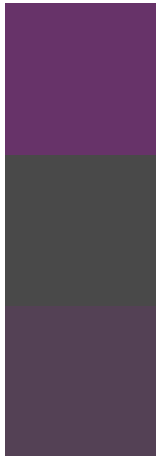
Original Color
673369

Protanomaly
453F73

Deuteranomaly
4C4066

Tritanomaly
643950

Monochromacy



Original Color
673369

Achromatopsia
494949

Achromatomaly
544155

CSS Examples

Text

The CSS property to change the color of the text to Hex 673369 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 #673369 looks like.

```
.text, #text, p{  
    color:#673369  
}
```

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 #673369 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673369
}
```

Border

The CSS property to change the border of an element to Hex 673369 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
#673369 }
```

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

```
.border{ border-color:#673369 }
```

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

Here you see how a box with a 4 pixel #673369 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673369; -webkit-box-shadow:4px 4px  
4px 4px #673369; box-shadow:4px 4px 4px  
4px #673369 }
```

Background

The CSS property to change the background color of an element to Hex 673369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673369 }
```

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

```
.background{ background-color:#673369 }
```

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