

Converting Colors

Hex(671A3F)

Have a look what the booklet for
Hex(671A3F) contains.

Hex(671A3F)	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(671A3F)

Conversions

Conversions Part 1

Format	Color
Hex	671A3F
RGB	103, 26, 63
RGB Percent	40%, 10%, 25%
CMY	0.5961, 0.8980, 0.7529
CMYK	0.00, 0.75, 0.39, 0.60
HSL	331°, 60%, 25%
HSV	331°, 75%, 40%
XYZ	6.8601, 3.9812, 5.1095
YIQ	53.2410, 34.0150, 27.8310

Conversions

Conversions Part 2

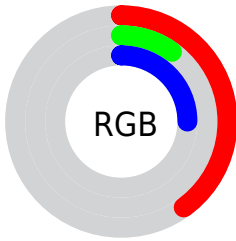
Format	Color
RYB	103, 26, 63
Decimal	6756927
CIELab	23.61, 37.45, -3.85
CIElCh	24, 37.645, 354.135
Yxy	3.9812, 0.4301, 0.2496
Android (android.graphics.Color)	4284947007 (0xFF671A3F)
YUV	53.2410, 4.8112, 43.6386
Hunter-Lab	19.9530, 26.4529, -1.2157

Details

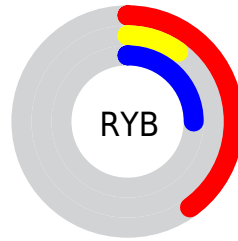
The Hex color **671A3F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1A6742**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **9D4D6F**, and **350015** is the 20% darker color. If you saturate the color by 10%, you get **67103A**, and if you desaturate by 10%, it is **672444**.

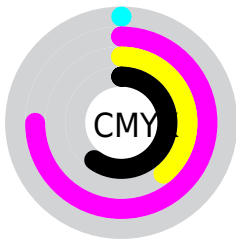
Distribution



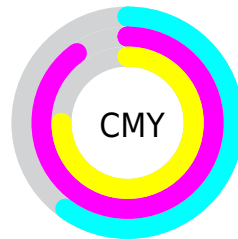
- Red (40%)
- Green (10%)
- Blue (25%)



- Red (40%)
- Yellow (10%)
- Blue (25%)



- Cyan (0%)
- Magenta (75%)
- Yellow (39%)
- Black (60%)



- Cyan (60%)
- Magenta (90%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 671A3F 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 671A3F by changing the saturation by 10% instead.

671A3F

671A3F

FFFFFF

4D0029

9D4D6F

350015

B96688

160000

D680A2

000000

F39BBB

FFB6D9

FFD2F5

FFEEFF

671A3F

671A3F

■ 67103A

■ 672444

■ 670534

■ 672F4A

■ 670031

■ 67394F

■ 674354

■ 674E5A

■ 67585F

■ 676264

■ 676C6A

■ 67776F

Harmonies

Analogous

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



54255A



671A3F



691D23

Triad

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



671A3F



2F3D00



004366

Complementary

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



671A3F



1A6742

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.



00454F



671A3F



004215

Square

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



671A3F



4A3500



004532



003D71

Rectangle

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



671A3F



632512



004532



00445F

Sweetspot

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



671A3F



876978



421A67



45333C



C4C4C4



454545

Same Dimension

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



671A3F



870E48



671B1A



332E30



730037



F20074

Inverse Universe

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



671A3F



870E48



1A6667



332E30



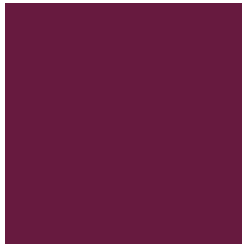
730037



F20074

Previews

White Background



This preview shows how the Hex color 671A3F looks on a white background.

Color Contrast Check

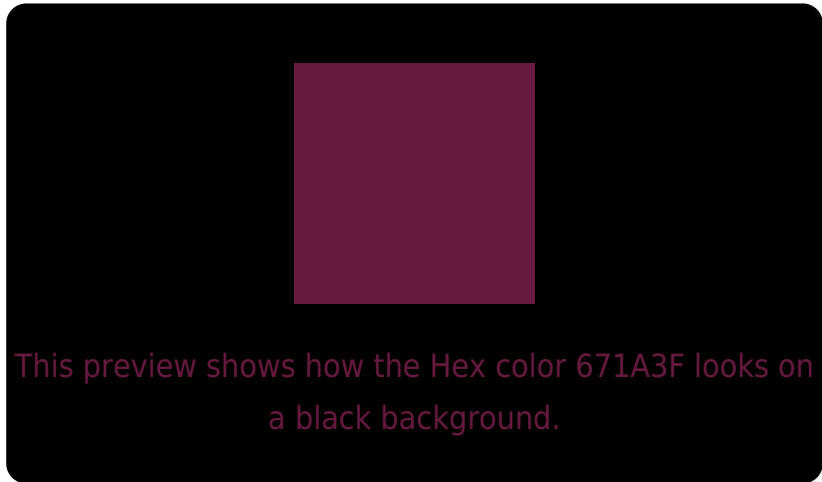
Large Text (above 18pt) WCAG AA ✓ Pass

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

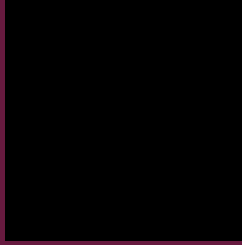
Any Text WCAG AA × Fail

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 671A3F Background



This preview shows how black text looks on a background with the Hex color 671A3F.



This preview shows how white text looks on a background with the Hex color 671A3F.

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
671A3F

Protanopia
313953

Deuteranopia
3F383B



Tritanopia
652223

Trichromacy



Original Color
671A3F

Protanomaly
452E4C

Deuteranomaly
4E2D3C

Tritanomaly
661F2D

Monochromacy



Original Color
671A3F

Achromatopsia
353535

Achromatomaly
472B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 671A3F 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 #671A3F looks like.

```
.text, #text, p{  
    color:#671A3F  
}
```

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 #671A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #671A3F
}
```

Border

The CSS property to change the border of an element to Hex 671A3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

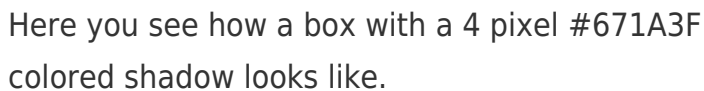
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#671A3F }
```

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

```
.border{ border-color:#671A3F }
```

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



Here you see how a box with a 4 pixel #671A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #671A3F; -webkit-box-shadow:4px 4px  
4px 4px #671A3F; box-shadow:4px 4px 4px  
4px #671A3F }
```

Background

The CSS property to change the background color of an element to Hex 671A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#671A3F }
```

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

```
.background{ background-color:#671A3F }
```

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