

Converting Colors

Hex(670F68)

Have a look what the booklet for
Hex(670F68) contains.

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Color

Hex(670F68)

Conversions

Conversions Part 1

Format	Color
Hex	670F68
RGB	103, 15, 104
RGB Percent	40%, 6%, 41%
CMY	0.5961, 0.9412, 0.5922
CMYK	0.01, 0.86, 0.00, 0.59
HSL	299°, 75%, 23%
HSV	299°, 86%, 41%
XYZ	8.2630, 4.2247, 13.4766
YIQ	51.4580, 23.8790, 46.3350

Conversions

Conversions Part 2

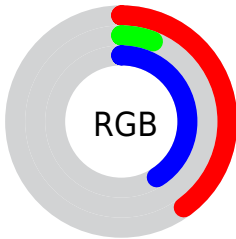
Format	Color
RYB	103, 15, 104
Decimal	6754152
CIELab	24.40, 47.36, -30.01
CIElCh	24, 56.068, 327.633
Yxy	4.2247, 0.3182, 0.1627
Android (android.graphics.Color)	4284944232 (0xFF670F68)
YUV	51.4580, 25.9032, 45.2023
Hunter-Lab	20.5540, 35.7901, -24.4867

Details

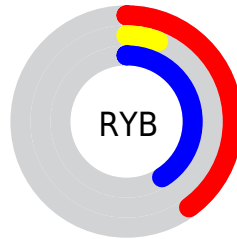
The Hex color **670F68** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **10680F**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **9D479C**, and **340038** is the 20% darker color. If you saturate the color by 10%, you get **670568**, and if you desaturate by 10%, it is **671968**.

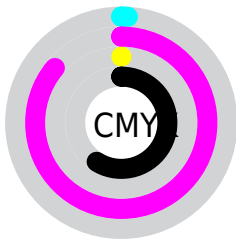
Distribution



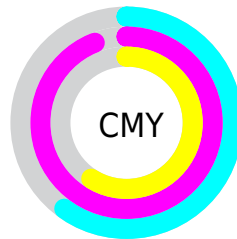
- Red (40%)
- Green (6%)
- Blue (41%)



- Red (40%)
- Yellow (6%)
- Blue (41%)



- Cyan (1%)
- Magenta (86%)
- Yellow (0%)
- Black (59%)



- Cyan (60%)
- Magenta (94%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 670F68 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 670F68 by changing the saturation by 10% instead.

670F68

670F68

FFFFFF

4D0050

9D479C

340038

B962B7

1B0022

D57CD2

000008

F397EF

000000

FFB3FF

FFCFFF

FFECFF

670F68

670F68

■ 670568

■ 671968

■ 670068

■ 672468

■ 672E68

■ 673968

■ 684368

■ 684D68

■ 685868

■ 686268

■ 686D68

Harmonies

Analogous

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



243086



670F68



7E003F

Triad

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



670F68



4B3700



004B60

Complementary

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



670F68



10680F

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.



004A35



670F68



214200

Square

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



670F68



6A2300



004804



004982

Rectangle

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



670F68



800024



004804



004B53

Sweetspot

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



670F68



876487



0F1068



453045



C4C4C4



454545

Same Dimension

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



670F68



860087



680F3D



332E33



710073



F000F2

Inverse Universe

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



680F10



870002



0F683A



332E2E



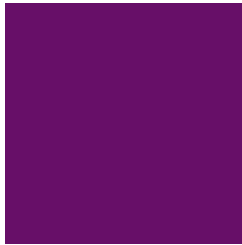
730001



F20003

Previews

White Background



This preview shows how the Hex color 670F68 looks on a white background.

Color Contrast Check

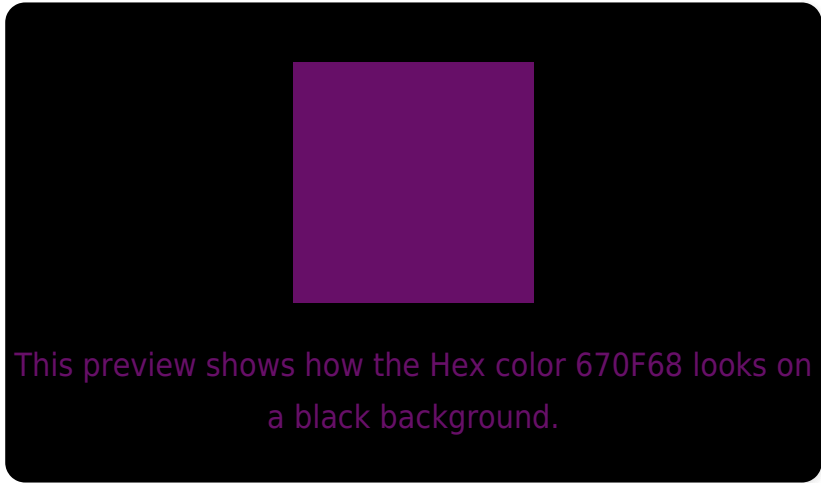
Large Text (above 18pt) WCAG AA ✓ Pass

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

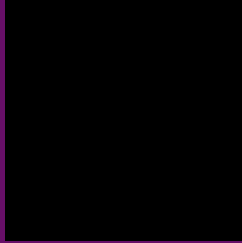
Any Text WCAG AA × Fail

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 670F68 Background



This preview shows how black text looks on a background with the Hex color 670F68.



This preview shows how white text looks on a background with the Hex color 670F68.

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
670F68

Protanopia
003A7B

Deuteranopia
253C62



Tritanopia
612B2D

Trichromacy



Original Color
670F68



Protanomaly
252A74



Deuteranomaly
3D2C64



Tritanomaly
632142

Monochromacy



Original Color
670F68



Achromatopsia
333333



Achromatomaly
462646

CSS Examples

Text

The CSS property to change the color of the text to Hex 670F68 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 #670F68 looks like.

```
.text, #text, p{  
    color:#670F68  
}
```

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 #670F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #670F68
}
```

Border

The CSS property to change the border of an element to Hex 670F68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

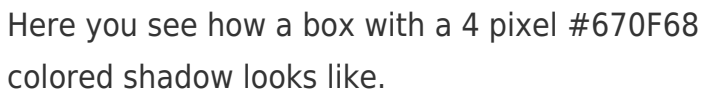
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#670F68 }
```

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

```
.border{ border-color:#670F68 }
```

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



Here you see how a box with a 4 pixel #670F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #670F68; -webkit-box-shadow:4px 4px  
4px 4px #670F68; box-shadow:4px 4px 4px  
4px #670F68 }
```

Background

The CSS property to change the background color of an element to Hex 670F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#670F68 }
```

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

```
.background{ background-color:#670F68 }
```

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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