

Converting Colors

Hex(670046)

Have a look what the booklet for
Hex(670046) contains.

Hex(670046)	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(670046)

Conversions

Conversions Part 1

Format	Color
Hex	670046
RGB	103, 0, 70
RGB Percent	40%, 0%, 27%
CMY	0.5961, 1.0000, 0.7255
CMYK	0.00, 1.00, 0.32, 0.60
HSL	319°, 100%, 20%
HSV	319°, 100%, 40%
XYZ	6.6990, 3.3258, 6.0832
YIQ	38.7770, 38.9180, 43.6060

Conversions

Conversions Part 2

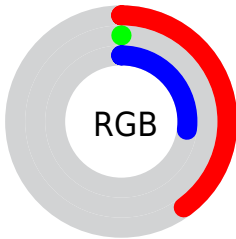
Format	Color
RYB	103, 0, 70
Decimal	6750278
CIELab	21.30, 45.74, -12.14
CIElCh	21, 47.326, 345.136
Yxy	3.3258, 0.4159, 0.2065
Android (android.graphics.Color)	4284940358 (0xFF670046)
YUV	38.7770, 15.3929, 56.3236
Hunter-Lab	18.2367, 33.6555, -7.0117

Details

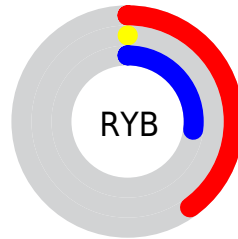
The Hex color **670046** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006721**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **9E3F76**, and **35001B** is the 20% darker color. If you saturate the color by 10%, you get **670046**, and if you desaturate by 10%, it is **670A49**.

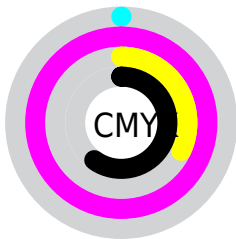
Distribution



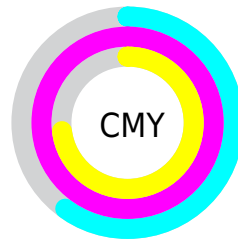
- Red (40%)
- Green (0%)
- Blue (27%)



- Red (40%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 670046 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 670046 by changing the saturation by 10% instead.

 670046

 670046

FFFFFF

 4D0030

 9E3F76

 35001B

 BA5990

 130000

 D773AB

 000000

 F48EC6

 FFA9E2

 FFC5FF

 FFE2FF

 670046

■ 670A49

■ 67154D

■ 671F50

■ 672953

■ 673457

■ 673E5A

■ 67485D

■ 675260

■ 675D64

Harmonies

Analogous

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



491F65



670046



6E0023

Triad

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



670046



303700



004165

Complementary

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



670046



006721

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.



004245



670046



003D00

Square

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



670046



4E2B00



004020



003C78

Rectangle

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



670046



690D0C



004020



00415B

Sweetspot

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



670046



875F7A



210067



452C3D



C4C4C4



454545

Same Dimension

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



670046



87005C



670013



332E31



73004E



F200A5

Inverse Universe

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



670046



87005C



006754



332E31



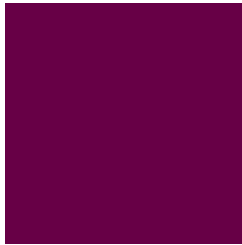
73004E



F200A5

Previews

White Background



This preview shows how the Hex color 670046 looks on a white background.

Color Contrast Check

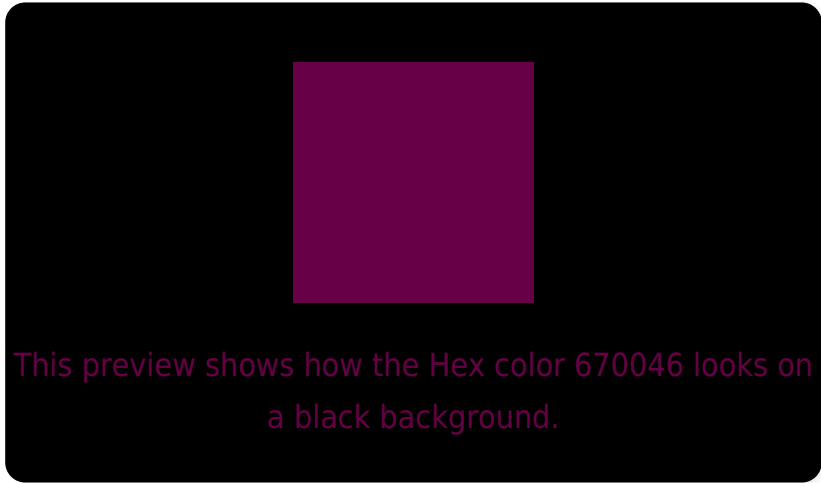
Large Text (above 18pt) WCAG AA ✓ Pass

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

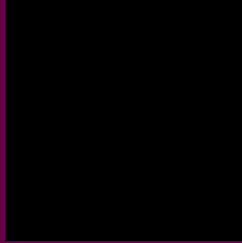
Any Text WCAG AA × Fail

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 670046 Background



This preview shows how black text looks on a background with the Hex color 670046.

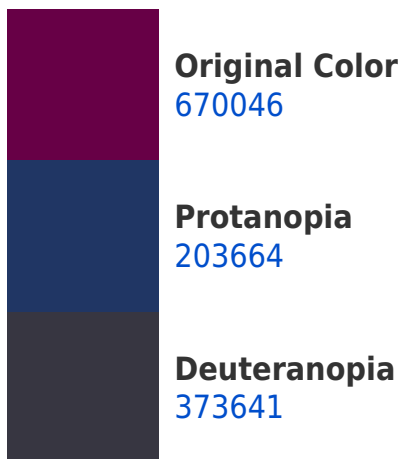


This preview shows how white text looks on a background with the Hex color 670046.

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
641C1D

Trichromacy



Original Color
670046

Protanomaly
3A2259

Deuteranomaly
482243

Tritanomaly
65122C

Monochromacy



Original Color
670046

Achromatopsia
272727

Achromatomaly
3E1932

CSS Examples

Text

The CSS property to change the color of the text to Hex 670046 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 #670046 looks like.

```
.text, #text, p{  
    color:#670046  
}
```

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 #670046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #670046
}
```

Border

The CSS property to change the border of an element to Hex 670046 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".

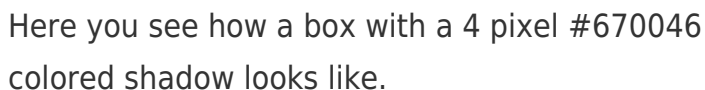
```
.border, #border, table{ border:4px solid
#670046 }
```

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

```
.border{ border-color:#670046 }
```

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

Here you see how a box with a 4 pixel #670046 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #670046; -webkit-box-shadow:4px 4px  
4px 4px #670046; box-shadow:4px 4px 4px  
4px #670046 }
```

Background

The CSS property to change the background color of an element to Hex 670046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#670046 }
```

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

```
.background{ background-color:#670046 }
```

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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