

Converting Colors

Hex(670475)

Have a look what the booklet for
Hex(670475) contains.

Hex(670475)	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(670475)

Conversions

Conversions Part 1

Format	Color
Hex	670475
RGB	103, 4, 117
RGB Percent	40%, 2%, 46%
CMY	0.5961, 0.9843, 0.5412
CMYK	0.12, 0.97, 0.00, 0.54
HSL	293°, 93%, 24%
HSV	293°, 97%, 46%
XYZ	8.8478, 4.2548, 17.1845
YIQ	46.4830, 22.7310, 56.1310

Conversions

Conversions Part 2

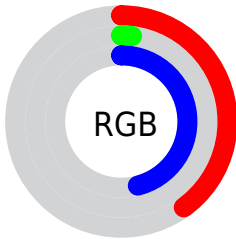
Format	Color
R_{YB}	103, 4, 117
Decimal	6751349
CIE _{Lab}	24.50, 52.05, -38.26
CIE _{LCh}	24, 64.601, 323.682
Yxy	4.2548, 0.2921, 0.1405
Android (android.graphics.Color)	4284941429 (0xFF670475)
YUV	46.4830, 34.7649, 49.5654
Hunter-Lab	20.6271, 40.4689, -34.9560

Details

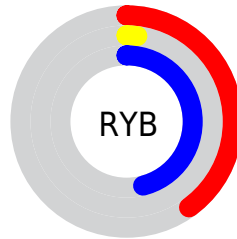
The Hex color **670475** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **127504**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **9E43AA**, and **330044** is the 20% darker color. If you saturate the color by 10%, you get **670075**, and if you desaturate by 10%, it is **681075**.

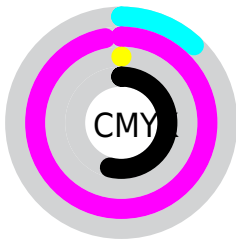
Distribution



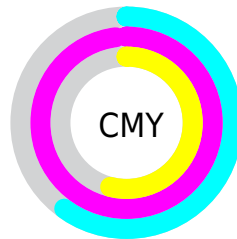
- Red (40%)
- Green (2%)
- Blue (46%)



- Red (40%)
- Yellow (2%)
- Blue (46%)



- Cyan (12%)
- Magenta (97%)
- Yellow (0%)
- Black (54%)



- Cyan (60%)
- Magenta (98%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 670475 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 670475 by changing the saturation by 10% instead.

670475

670475

FFFFFF

4D005C

9E43AA

330044

BA5EC5

1A002D

D679E2

000117

F494FE

000000

FFB0FF

FFCCFF

FFE9FF

670475

670475

■ 670075

■ 681075

■ 6A1B75

■ 6B2775

■ 6D3375

■ 6E3F75

■ 704A75

■ 715675

■ 736275

■ 746D75

Harmonies

Analogous

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



003396



670475



860047

Triad

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



670475



513500



004D61

Complementary

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



670475



127504

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.



004B2E



670475



214300

Square

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



670475



731700



004900



004C8A

Rectangle

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



670475



8A0027



004900



004C50

Sweetspot

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



670475



946D99



041375



49324D



CCCCCC



4D4D4D

Same Dimension

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



670475



860099



75044C



3A353B



6B007A



DB00FA

Inverse Universe

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



750412



990013



04752D



3B3536



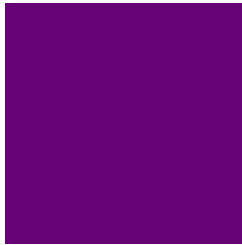
7A000F



FA001F

Previews

White Background



This preview shows how the Hex color 670475 looks on a white background.

Color Contrast Check

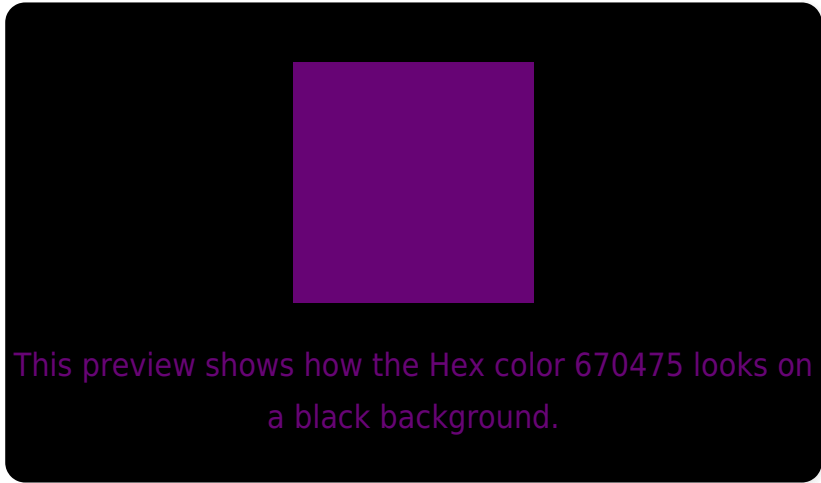
Large Text (above 18pt) WCAG AA ✓ Pass

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

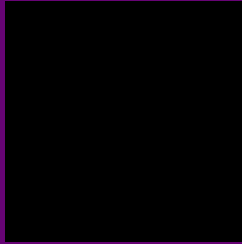
Any Text WCAG AA × Fail

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 670475 Background



This preview shows how black text looks on a background with the Hex color 670475.



This preview shows how white text looks on a background with the Hex color 670475.

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
670475

Protanopia
003B7D

Deuteranopia
093E6E



Tritanopia
5E2E31

Trichromacy



Original Color

670475



Protanomaly

25277A



Deuteranomaly

2B2971



Tritanomaly

611F4A

Monochromacy



Original Color

670475



Achromatopsia

2E2E2E



Achromatomaly

431F48

CSS Examples

Text

The CSS property to change the color of the text to Hex 670475 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 #670475 looks like.

```
.text, #text, p{  
  color:#670475  
}
```

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 #670475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #670475
}
```

Border

The CSS property to change the border of an element to Hex 670475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

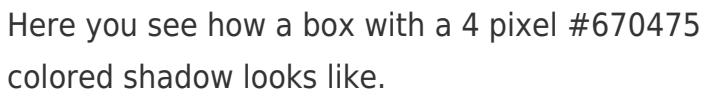
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#670475 }
```

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

```
.border{ border-color:#670475 }
```

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



Here you see how a box with a 4 pixel #670475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #670475; -webkit-box-shadow:4px 4px  
4px 4px #670475; box-shadow:4px 4px 4px  
4px #670475 }
```

Background

The CSS property to change the background color of an element to Hex 670475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#670475 }
```

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

```
.background{ background-color:#670475 }
```

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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