

# Converting Colors

Hex(671876)

Have a look what the booklet for  
Hex(671876) contains.

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# Color

**Hex(671876)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	671876
RGB	103, 24, 118
RGB Percent	40%, 9%, 46%
CMY	0.5961, 0.9059, 0.5373
CMYK	0.13, 0.80, 0.00, 0.54
HSL	290°, 66%, 28%
HSV	290°, 80%, 46%
XYZ	9.1902, 4.8448, 17.5903
YIQ	58.3370, 16.9100, 45.9820

# Conversions

## Conversions Part 2

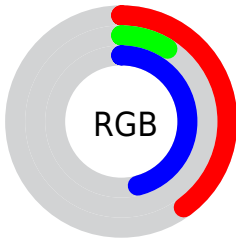
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 24, 118
Decimal	6756470
CIE <sub>Lab</sub>	26.29, 47.21, -36.02
CIE <sub>LCh</sub>	26, 59.383, 322.663
Yxy	4.8448, 0.2906, 0.1532
Android (android.graphics.Color)	4284946550 (0xFF671876)
YUV	58.3370, 29.4139, 39.1695
Hunter-Lab	22.0110, 36.0092, -31.9745

# Details

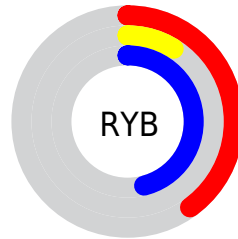
The Hex color **671876** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **277618**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **9D4EAB**, and **340045** is the 20% darker color. If you saturate the color by 10%, you get **650C76**, and if you desaturate by 10%, it is **692476**.

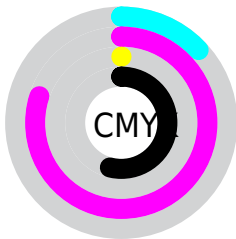
# Distribution



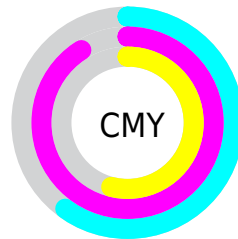
- Red (40%)
- Green (9%)
- Blue (46%)



- Red (40%)
- Yellow (9%)
- Blue (46%)



- Cyan (13%)
- Magenta (80%)
- Yellow (0%)
- Black (54%)



- Cyan (60%)
- Magenta (91%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 671876 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 671876 by changing the saturation by 10% instead.



671876

671876

FFFFFF

4D005D

9D4EAB

340045

B968C6

1D002E

D582E3

000118

F39DFF

000000

FFB9FF

FFD5FF

FFF2FF

671876

671876

650C76

692476

630076

6B3076

6D3B76

6F4776

705376

725F76

746B76

767676

788276

# Harmonies

## Analogous

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



003893



671876



85004B

# Triad

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



671876



563900



005060

# Complementary

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



671876



277618

# 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.



004F31



671876



2C4600

# Square

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



671876



762000



004C00



004F87

# Rectangle

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



671876



8A002E



004C00



005051



# Sweetspot

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



671876



937499



182876



49364D



CCCCCC



4D4D4D



# Same Dimension

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



671876



820699



761857



3A353B



67007A



D200FA



# Inverse Universe

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



761827



99061E



187637



3B3536



7A0014

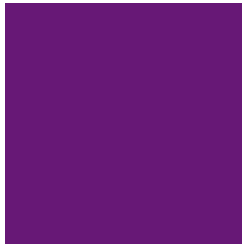


FA0028



# Previews

## White Background



This preview shows how the Hex color 671876 looks on a white background.

## Color Contrast Check

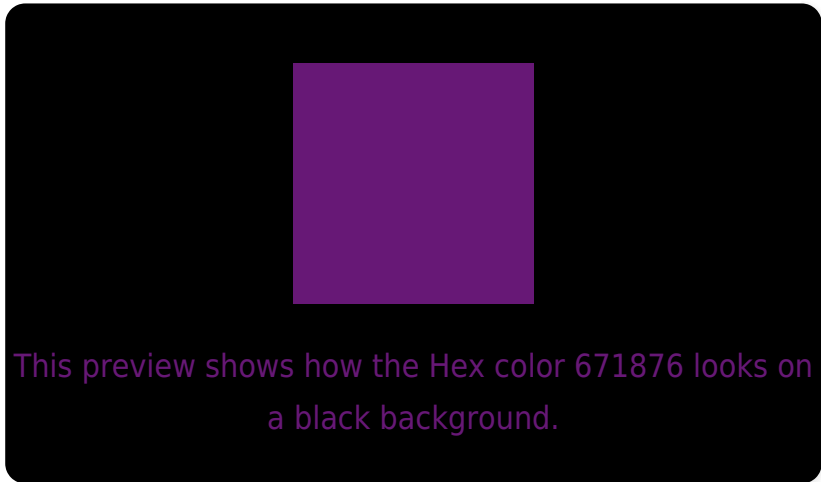
Large Text (above 18pt) WCAG AA ✓ Pass

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

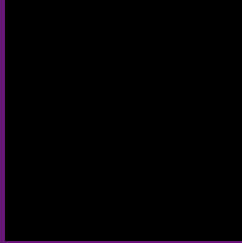
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 671876 Background



This preview shows how black text looks on a background with the Hex color 671876.



This preview shows how white text looks on a background with the Hex color 671876.

# 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**  
5F3236

# Trichromacy



**Original Color**  
671876



**Protanomaly**  
25307E



**Deuteranomaly**  
343272



**Tritanomaly**  
62294D

# Monochromacy



**Original Color**  
671876



**Achromatopsia**  
3A3A3A



**Achromatomaly**  
4A2E50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 671876 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 #671876 looks like.

```
.text, #text, p{  
    color:#671876  
}
```

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 #671876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #671876
}
```

## Border

The CSS property to change the border of an element to Hex 671876 is called "border". The border property can be set on classes, ids or directly on the HTML element.

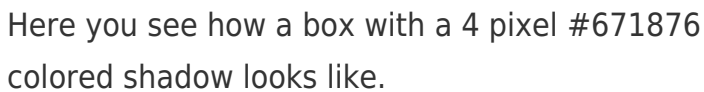
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#671876 }
```

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

```
.border{ border-color:#671876 }
```

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



Here you see how a box with a 4 pixel #671876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #671876; -webkit-box-shadow:4px 4px  
4px 4px #671876; box-shadow:4px 4px 4px  
4px #671876 }
```

# Background

The CSS property to change the background color of an element to Hex 671876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#671876 }
```

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

```
.background{ background-color:#671876 }
```

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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