

# Converting Colors

Hex(671032)

Have a look what the booklet for  
Hex(671032) contains.

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**Color**

**Hex(671032)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	671032
RGB	103, 16, 50
RGB Percent	40%, 6%, 20%
CMY	0.5961, 0.9373, 0.8039
CMYK	0.00, 0.84, 0.51, 0.60
HSL	337°, 73%, 23%
HSV	337°, 84%, 40%
XYZ	6.3545, 3.4844, 3.3553
YIQ	45.8890, 40.9380, 29.0180

# Conversions

## Conversions Part 2

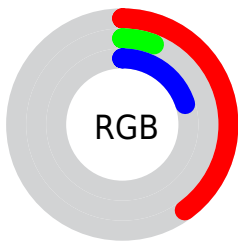
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 16, 50
Decimal	6754354
CIE <sub>Lab</sub>	21.89, 39.62, 2.62
CIE <sub>LCh</sub>	22, 39.709, 3.786
Yxy	3.4844, 0.4816, 0.2641
Android (android.graphics.Color)	4284944434 (0xFF671032)
YUV	45.8890, 2.0267, 50.0863
Hunter-Lab	18.6666, 28.0987, 2.4095

# Details

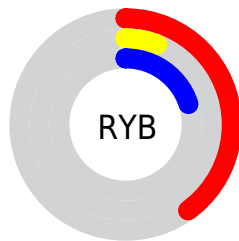
The Hex color **671032** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **106745**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **9E4560**, and **350002** is the 20% darker color. If you saturate the color by 10%, you get **67062C**, and if you desaturate by 10%, it is **671A38**.

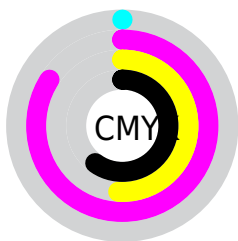
# Distribution



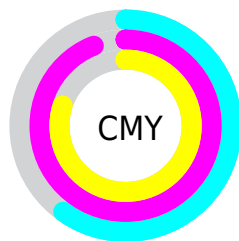
- Red (40%)
- Green (6%)
- Blue (20%)



- Red (40%)
- Yellow (6%)
- Blue (20%)



- Cyan (0%)
- Magenta (84%)
- Yellow (51%)
- Black (60%)



- Cyan (60%)
- Magenta (94%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 671032 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 671032 by changing the saturation by 10% instead.



 671032

 671032

FFFFFF

 4C001D

 9E4560

 350002

 BA5F79

 0C0000

 D77992

 000000

 F594AD

 FFAFC8

 FFCBE4

 FFE8FF

 671032

 671032

■ 67062C

■ 671A38

■ 670028

■ 67253F

■ 672F45

■ 67394B

■ 674451

■ 674E58

■ 67585E

■ 676264

■ 676D6A

# Harmonies

## Analogous

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



5A1A4F



671032



641A15

# Triad

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



671032



203C00



003E69

# Complementary

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



671032



106745

# 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.



004155



671032



004019

# Square

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



671032



3E3400



004137



003770

# Rectangle

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



671032



5B2400



004137



003F64



# Sweetspot

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



671032



876573



441067



453038



C4C4C4



454545



# Same Dimension

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



671032



870035



671910



332E30



73002D



F2005F



# Inverse Universe

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



671032



870035



105E67



332E30



73002D

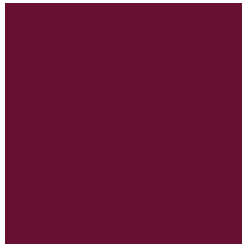


F2005F



# Previews

## White Background



This preview shows how the Hex color 671032 looks on a white background.

## Color Contrast Check

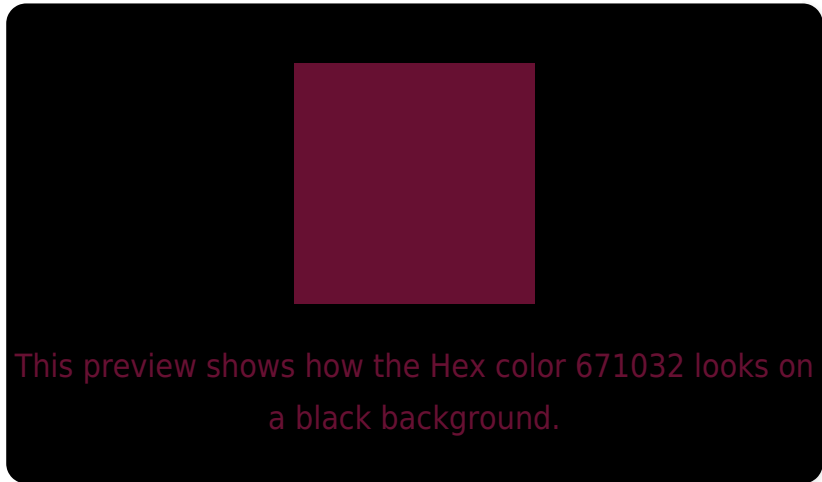
Large Text (above 18pt) WCAG AA ✓ Pass

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

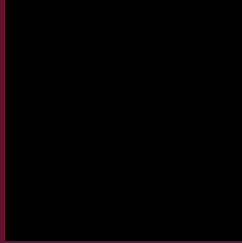
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 671032 Background



This preview shows how black text looks on a background with the Hex color 671032.



This preview shows how white text looks on a background with the Hex color 671032.

# 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**  
671032

**Protanopia**  
333646

**Deuteranopia**  
3F352E



**Tritanopia**  
661819

# Trichromacy



**Original Color**  
671032

**Protanomaly**  
46283F

**Deuteranomaly**  
4E282F

**Tritanomaly**  
661522

# Monochromacy



**Original Color**  
671032

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
43232F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 671032 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 #671032 looks like.

```
.text, #text, p{  
    color:#671032  
}
```

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 #671032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #671032
}
```

## Border

The CSS property to change the border of an element to Hex 671032 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".

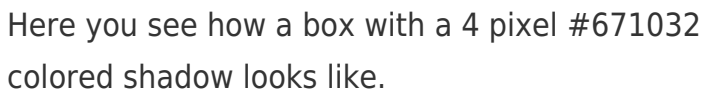
```
.border, #border, table{ border:4px solid
#671032 }
```

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

```
.border{ border-color:#671032 }
```

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

Here you see how a box with a 4 pixel #671032 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #671032; -webkit-box-shadow:4px 4px  
4px 4px #671032; box-shadow:4px 4px 4px  
4px #671032 }
```

# Background

The CSS property to change the background color of an element to Hex 671032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#671032 }
```

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

```
.background{ background-color:#671032 }
```

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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