

# Converting Colors

Hex(670104)

Have a look what the booklet for  
Hex(670104) contains.

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**Color**

**Hex(670104)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	670104
RGB	103, 1, 4
RGB Percent	40%, 0%, 2%
CMY	0.5961, 0.9961, 0.9843
CMYK	0.00, 0.99, 0.96, 0.60
HSL	358°, 98%, 20%
HSV	358°, 99%, 40%
XYZ	5.6263, 2.9140, 0.3808
YIQ	31.8400, 59.8290, 22.5570

# Conversions

## Conversions Part 2

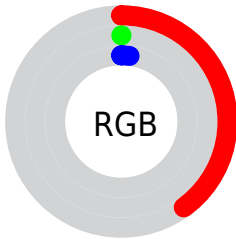
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 1, 4
Decimal	6750468
CIELab	19.70, 41.00, 28.51
CIELCh	20, 49.940, 34.815
Yxy	2.9140, 0.6307, 0.3266
Android (android.graphics.Color)	4284940548 (0xFF670104)
YUV	31.8400, -13.7251, 62.4073
Hunter-Lab	17.0706, 28.9584, 10.6268

# Details

The Hex color **670104** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **016764**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **A13C31**, and **320002** is the 20% darker color. If you saturate the color by 10%, you get **670003**, and if you desaturate by 10%, it is **670B0E**.

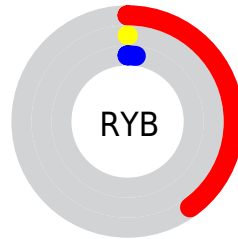
# Distribution



Red (40%)

Green (0%)

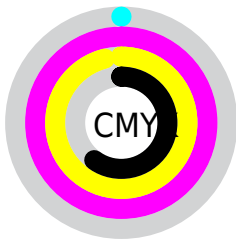
Blue (2%)



Red (40%)

Yellow (0%)

Blue (2%)

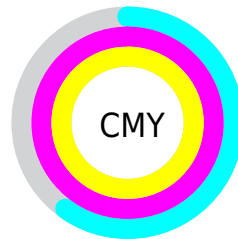


Cyan (0%)

Magenta (99%)

Yellow (96%)

Black (60%)



Cyan (60%)

Magenta (100%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 670104 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 670104 by changing the saturation by 10% instead.



 670104

 670104

 FFFBE5

 4A0000

 A13C31

 320002

 BF5648

 000000

 DD7060

 FB8B79

 FFA693

 FFC2AD

 FFDEC9

 670104

 670104

■ 670003

■ 670B0E

■ 671618

■ 672022

■ 672A2C

■ 673536

■ 673F40

■ 67494A

■ 675354

■ 675E5E

# Harmonies

## Analogous

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



6C002C



670104



532100

# Triad

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



670104



003C0D



00337A

# Complementary

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



670104



016764

# 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.



003B73



670104



003E35

# Square

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



670104



0C3800



003E59



32226D

# Rectangle

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



670104



412C00



003E59



00377A



# Sweetspot

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



670104



875F60



640167



452C2D



C4C4C4



454545



# Same Dimension

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



670104



870004



673101



332E2E



730003



F20007



# Inverse Universe

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



670104



870004



013767



332E2E



730003

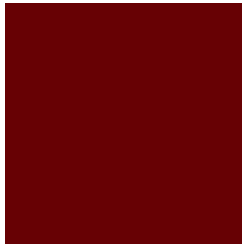


F20007



# Previews

## White Background



This preview shows how the Hex color 670104 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

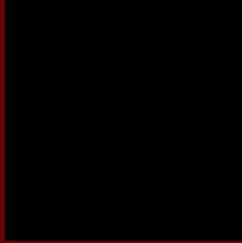
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 670104 Background



This preview shows how black text looks on a background with the Hex color 670104.



This preview shows how white text looks on a background with the Hex color 670104.

# 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**  
670104

**Protanopia**  
3A340E

**Deuteranopia**  
413100



**Tritanopia**  
660A00

# Trichromacy



**Original Color**

670104

**Protanomaly**

4A210A

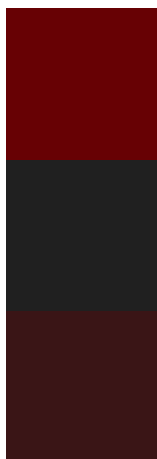
**Deuteranomaly**

4F2001

**Tritanomaly**

660701

# Monochromacy



**Original Color**

670104

**Achromatopsia**

202020

**Achromatomaly**

3A1516

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 670104 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 #670104 looks like.

```
.text, #text, p{  
    color:#670104  
}
```

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 #670104 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #670104
}
```

## Border

The CSS property to change the border of an element to Hex 670104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

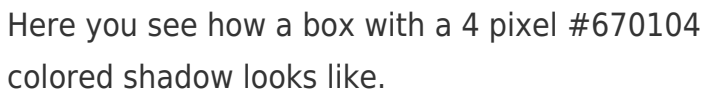
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#670104 }
```

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

```
.border{ border-color:#670104 }
```

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



Here you see how a box with a 4 pixel #670104 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #670104; -webkit-box-shadow:4px 4px  
4px 4px #670104; box-shadow:4px 4px 4px  
4px #670104 }
```

# Background

The CSS property to change the background color of an element to Hex 670104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#670104 }
```

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

```
.background{ background-color:#670104 }
```

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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