

# Converting Colors

Hex(731C71)

Have a look what the booklet for  
Hex(731C71) contains.

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**Color**

**Hex(731C71)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	731C71
RGB	115, 28, 113
RGB Percent	45%, 11%, 44%
CMY	0.5490, 0.8902, 0.5569
CMYK	0.00, 0.76, 0.02, 0.55
HSL	301°, 61%, 28%
HSV	301°, 76%, 45%
XYZ	10.4661, 5.6676, 16.1651
YIQ	63.7030, 24.5670, 44.8790

# Conversions

## Conversions Part 2

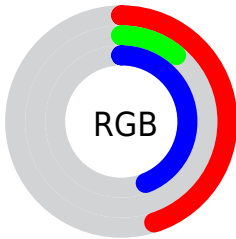
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 28, 113
Decimal	7543921
CIE <sub>Lab</sub>	28.56, 47.59, -29.08
CIE <sub>LCh</sub>	29, 55.774, 328.577
Yxy	5.6676, 0.3240, 0.1755
Android (android.graphics.Color)	4285734001 (0xFF731C71)
YUV	63.7030, 24.3034, 44.9875
Hunter-Lab	23.8067, 36.8120, -23.5941

# Details

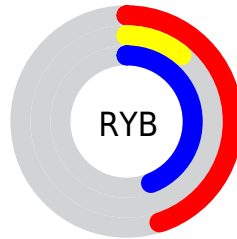
The Hex color **731C71** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1C731E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **AA52A5**, and **3F0040** is the 20% darker color. If you saturate the color by 10%, you get **731171**, and if you desaturate by 10%, it is **732871**.

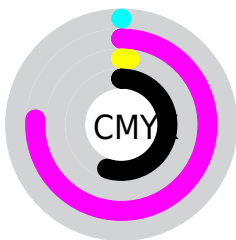
# Distribution



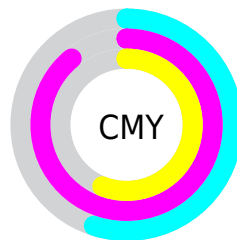
- Red (45%)
- Green (11%)
- Blue (44%)



- Red (45%)
- Yellow (11%)
- Blue (44%)



- Cyan (0%)
- Magenta (76%)
- Yellow (2%)
- Black (55%)



- Cyan (55%)
- Magenta (89%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 731C71 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 731C71 by changing the saturation by 10% instead.



731C71

731C71

FFFFFF

590058

AA52A5

3F0040

C66CC1

29002A

E387DD

000114

FFA2F9

000000

FFBEFF

FFDAFF

FFF7FF

731C71

731C71

■ 731171

■ 732871

■ 730570

■ 733372

■ 730070

■ 733F72

■ 734A72

■ 735672

■ 736173

■ 736D73

■ 737873

■ 738473

# Harmonies

## Analogous

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



353990



731C71



8A0047

# Triad

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



731C71



554100



00556C

# Complementary

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



731C71



1C731E

# 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.



005540



731C71



2B4C00

# Square

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



731C71



752D00



005210



00528D

# Rectangle

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



731C71



8C002B



005210



00555E



# Sweetspot

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



731C71



967496



1D1C73



4D374C



CCCCCC



4D4D4D



# Same Dimension

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



731C71



960E93



731C46



3B353B



7A0078



FA00F4



# Inverse Universe

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



731C71



960E93



1C7349



3B353B



7A0078



FA00F4



# Previews

## White Background



This preview shows how the Hex color 731C71 looks on a white background.

## Color Contrast Check

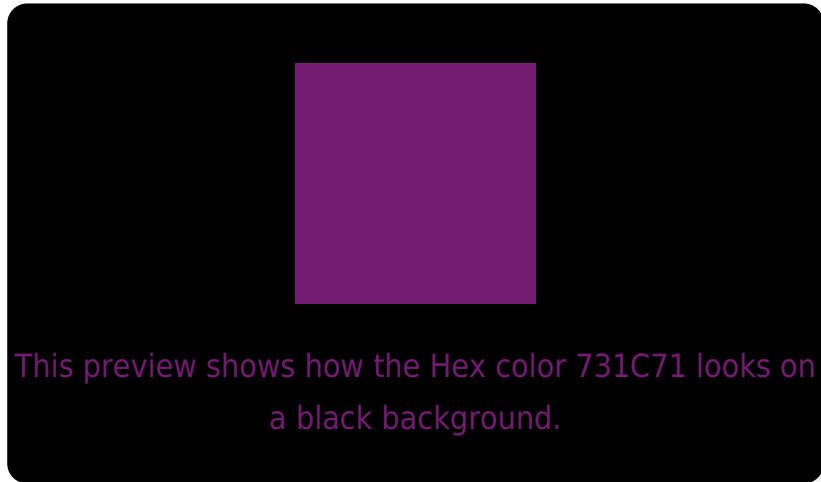
Large Text (above 18pt) WCAG AA ✓ Pass

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

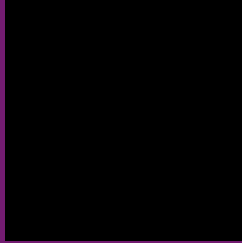
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 731C71 Background



This preview shows how black text looks on a background with the Hex color 731C71.




This preview shows how white text looks on a background with the Hex color 731C71.

# 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**  
6C3236

# Trichromacy



**Original Color**  
731C71



**Protanomaly**  
2A3483



**Deuteranomaly**  
49366D



**Tritanomaly**  
6F2A4B

# Monochromacy



**Original Color**  
731C71



**Achromatopsia**  
404040



**Achromatomaly**  
533352

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 731C71 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 #731C71 looks like.

```
.text, #text, p{  
    color:#731C71  
}
```

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 #731C71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #731C71
}
```

## Border

The CSS property to change the border of an element to Hex 731C71 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
#731C71 }
```

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

```
.border{ border-color:#731C71 }
```

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

Here you see how a box with a 4 pixel #731C71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #731C71; -webkit-box-shadow:4px 4px  
4px 4px #731C71; box-shadow:4px 4px 4px  
4px #731C71 }
```

# Background

The CSS property to change the background color of an element to Hex 731C71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#731C71 }
```

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

```
.background{ background-color:#731C71 }
```

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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