

Converting Colors

Hex(731B73)

Have a look what the booklet for
Hex(731B73) contains.

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Color

Hex(731B73)

Conversions

Conversions Part 1

Format	Color
Hex	731B73
RGB	115, 27, 115
RGB Percent	45%, 11%, 45%
CMY	0.5490, 0.8941, 0.5490
CMYK	0.00, 0.77, 0.00, 0.55
HSL	300°, 62%, 28%
HSV	300°, 77%, 45%
XYZ	10.5567, 5.6665, 16.7570
YIQ	63.3440, 24.2000, 46.0240

Conversions

Conversions Part 2

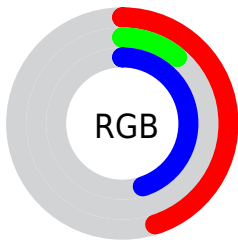
Format	Color
RYB	115, 27, 115
Decimal	7543667
CIELab	28.56, 48.30, -30.36
CIElCh	29, 57.046, 327.846
Yxy	5.6665, 0.3201, 0.1718
Android (android.graphics.Color)	4285733747 (0xFF731B73)
YUV	63.3440, 25.4664, 45.3023
Hunter-Lab	23.8044, 37.5026, -25.0738

Details

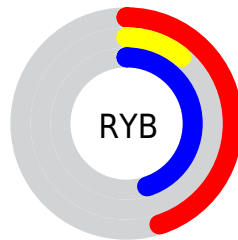
The Hex color **731B73** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1B731B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **AA51A7**, and **3F0042** is the 20% darker color. If you saturate the color by 10%, you get **731073**, and if you desaturate by 10%, it is **732773**.

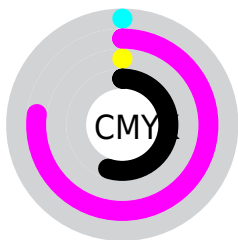
Distribution



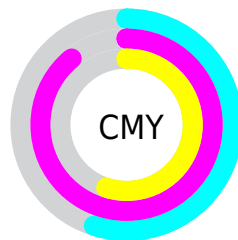
- Red (45%)
- Green (11%)
- Blue (45%)



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



- Cyan (0%)
- Magenta (77%)
- Yellow (0%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 731B73 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 731B73 by changing the saturation by 10% instead.

 731B73

 731B73

FFFFFF

 59005A

 AA51A7

 3F0042

 C66CC3

 29002C

 E386DF

 000116

 FFA2FC

 000000

 FFBDFE

 FFDAFF

 FFF7FF

 731B73

 731B73

■ 731073

■ 732773

■ 730473

■ 733273

■ 730073

■ 733E73

■ 734973

■ 735573

■ 736073

■ 736C73

■ 737773

■ 738373

Harmonies

Analogous

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



313992



731B73



8B0049

Triad

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



731B73



564100



00556C

Complementary

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



731B73



1B731B

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.



00553F



731B73



2B4C00

Square

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



731B73



772C00



00520D



00538E

Rectangle

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



731B73



8D002C



00520D



00555D

Sweetspot

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



731B73



967496



1B1B73



4D374D



CCCCCC



4D4D4D

Same Dimension

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



731B73



960C96



731B47



3B353B



7A007A



FA00FA

Inverse Universe

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



731B73



960C96



1B7347



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 731B73 looks on a white background.

Color Contrast Check

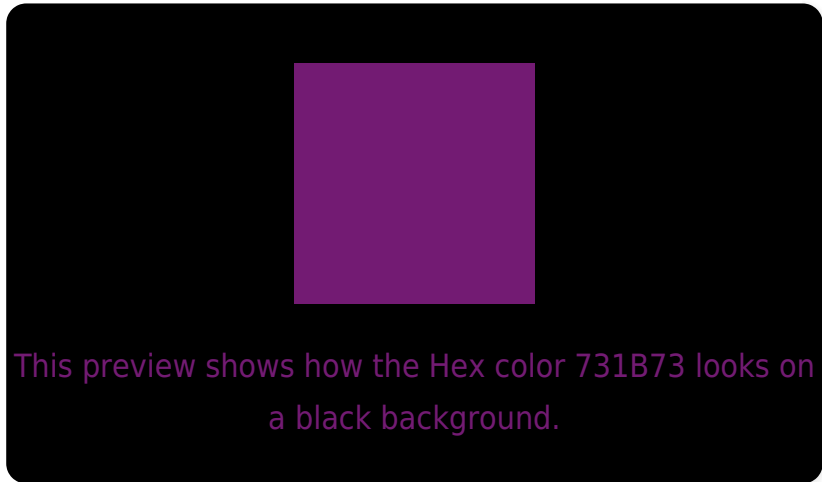
Large Text (above 18pt) WCAG AA ✓ Pass

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

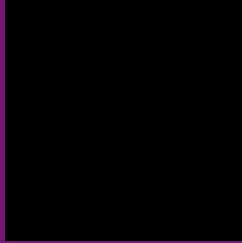
Any Text WCAG AA × Fail

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 731B73 Background



This preview shows how black text looks on a background with the Hex color 731B73.




This preview shows how white text looks on a background with the Hex color 731B73.

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
731B73



Protanomaly
2A3484



Deuteranomaly
48366F



Tritanomaly
6F2A4C

Monochromacy



Original Color
731B73



Achromatopsia
3F3F3F



Achromatomaly
523252

CSS Examples

Text

The CSS property to change the color of the text to Hex 731B73 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 #731B73 looks like.

```
.text, #text, p{  
    color:#731B73  
}
```

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 #731B73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #731B73
}
```

Border

The CSS property to change the border of an element to Hex 731B73 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
#731B73 }
```

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

```
.border{ border-color:#731B73 }
```

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

Here you see how a box with a 4 pixel #731B73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #731B73; -webkit-box-shadow:4px 4px  
4px 4px #731B73; box-shadow:4px 4px 4px  
4px #731B73 }
```

Background

The CSS property to change the background color of an element to Hex 731B73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#731B73 }
```

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

```
.background{ background-color:#731B73 }
```

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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