

Converting Colors

Hex(733B70)

Have a look what the booklet for
Hex(733B70) contains.

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Color

Hex(733B70)

Conversions

Conversions Part 1

Format	Color
Hex	733B70
RGB	115, 59, 112
RGB Percent	45%, 23%, 44%
CMY	0.5490, 0.7686, 0.5608
CMYK	0.00, 0.49, 0.03, 0.55
HSL	303°, 32%, 34%
HSV	303°, 49%, 45%
XYZ	11.5588, 7.9426, 16.2531
YIQ	81.7860, 16.3630, 28.3550

Conversions

Conversions Part 2

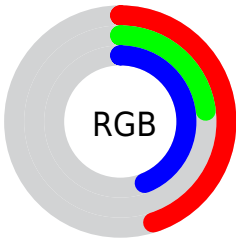
Format	Color
R_{YB}	115, 59, 112
Decimal	7551856
CIE _{Lab}	33.86, 32.79, -20.12
CIE _{LCh}	34, 38.475, 328.466
Yxy	7.9426, 0.3233, 0.2221
Android (android.graphics.Color)	4285741936 (0xFF733B70)
YUV	81.7860, 14.8955, 29.1287
Hunter-Lab	28.1827, 23.8903, -14.4650

Details

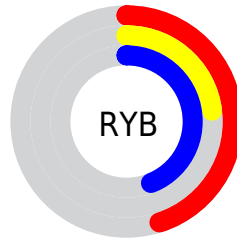
The Hex color **733B70** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3B733E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A86CA4**, and **410A40** is the 20% darker color. If you saturate the color by 10%, you get **73306F**, and if you desaturate by 10%, it is **734771**.

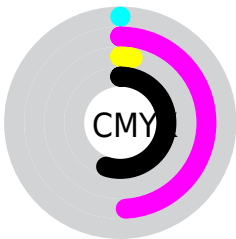
Distribution



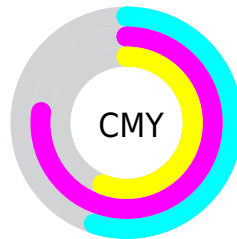
- Red (45%)
- Green (23%)
- Blue (44%)



- Red (45%)
- Yellow (23%)
- Blue (44%)



- Cyan (0%)
- Magenta (49%)
- Yellow (3%)
- Black (55%)



- Cyan (55%)
- Magenta (77%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 733B70 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 733B70 by changing the saturation by 10% instead.

 733B70

 733B70

FFFFFF

 5A2357

 A86CA4

 410A40

 C486BF

 2A002A

 E0A1DB

 060014

 FDBC8F

 000000

 FFD8FF

 FFF5FF

 733B70

 733B70

 73306F

 734771

73246F

735271

73196E

735E72

730D6E

736972

73026D

737573

73006D

738074

738C74

739775

73A376

Harmonies

Analogous

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



4D4886



733B70



853352

Triad

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



733B70



614E0B



005E6C

Complementary

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



733B70



3B733E

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.



005E4D



733B70



435615

Square

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



733B70



78421B



155C2E



005B83

Rectangle

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



733B70



87343E



155C2E



005E62

Sweetspot

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



733B70



968095



3E3B73



4D3F4C



CCCCCC



4D4D4D

Same Dimension

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



733B70



963F92



733B54



3B353A



7A0074



FA00ED

Inverse Universe

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



733B70



963F92



3B735A



3B353A



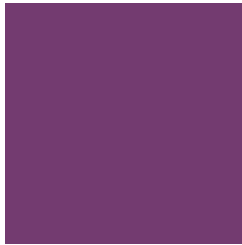
7A0074



FA00ED

Previews

White Background



This preview shows how the Hex color 733B70 looks on a white background.

Color Contrast Check

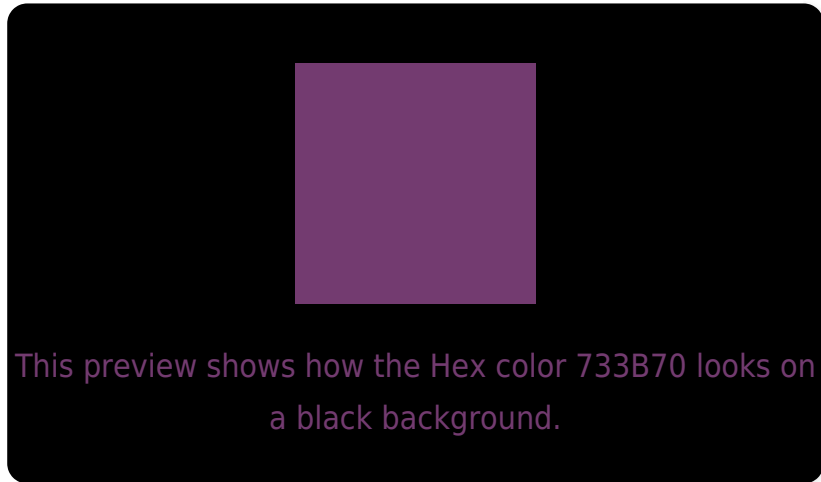
Large Text (above 18pt) WCAG AA ✓ Pass

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

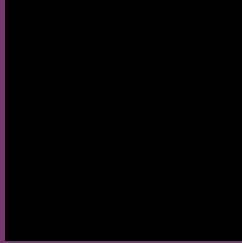
Any Text WCAG AA × Fail

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 733B70 Background



This preview shows how black text looks on a background with the Hex color 733B70.



This preview shows how white text looks on a background with the Hex color 733B70.

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
6E4449

Trichromacy



Original Color
733B70

Protanomaly
51487A

Deuteranomaly
58486D

Tritanomaly
704157

Monochromacy



Original Color
733B70

Achromatopsia
525252

Achromatomaly
5E4A5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 733B70 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 #733B70 looks like.

```
.text, #text, p{  
    color:#733B70  
}
```

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 #733B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #733B70
}
```

Border

The CSS property to change the border of an element to Hex 733B70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

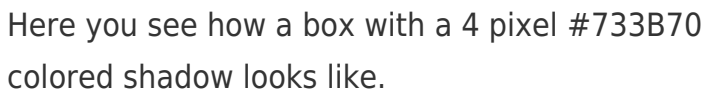
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#733B70 }
```

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

```
.border{ border-color:#733B70 }
```

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



Here you see how a box with a 4 pixel #733B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #733B70; -webkit-box-shadow:4px 4px  
4px 4px #733B70; box-shadow:4px 4px 4px  
4px #733B70 }
```

Background

The CSS property to change the background color of an element to Hex 733B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#733B70 }
```

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

```
.background{ background-color:#733B70 }
```

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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