

Converting Colors

Hex(733859)

Have a look what the booklet for
Hex(733859) contains.

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Color

Hex(733859)

Conversions

Conversions Part 1

Format	Color
Hex	733859
RGB	115, 56, 89
RGB Percent	45%, 22%, 35%
CMY	0.5490, 0.7804, 0.6510
CMYK	0.00, 0.51, 0.23, 0.55
HSL	326°, 35%, 34%
HSV	326°, 51%, 45%
XYZ	10.2876, 7.1945, 10.2976
YIQ	77.4030, 24.5710, 22.7710

Conversions

Conversions Part 2

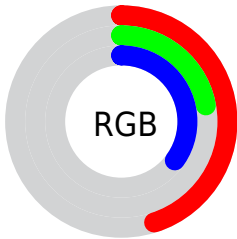
Format	Color
R_{YB}	115, 56, 89
Decimal	7551065
CIE _{Lab}	32.25, 30.33, -7.94
CIE _{LCh}	32, 31.351, 345.330
Yxy	7.1945, 0.3703, 0.2590
Android (android.graphics.Color)	4285741145 (0xFF733859)
YUV	77.4030, 5.7173, 32.9726
Hunter-Lab	26.8225, 21.5231, -3.9868

Details

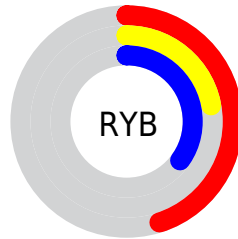
The Hex color **733859** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **387352**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **A9698B**, and **41072C** is the 20% darker color. If you saturate the color by 10%, you get **732D54**, and if you desaturate by 10%, it is **73445E**.

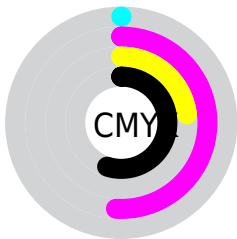
Distribution



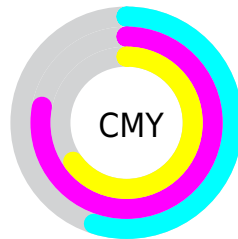
- Red (45%)
- Green (22%)
- Blue (35%)



- Red (45%)
- Yellow (22%)
- Blue (35%)



- Cyan (0%)
- Magenta (51%)
- Yellow (23%)
- Black (55%)



- Cyan (55%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 733859 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 733859 by changing the saturation by 10% instead.

 733859

 733859

FFFFFF

 592042

 A9698B

 41072C

 C483A5

 2B0017

 E19DC0

 000000

 FEB9DC

 FFD5F9

 FFF1FF

 733859

 733859

 732D54

 73445E

 73214F

 734F63

 73154A

 735A68

 730A45

 73666D

 730040

 737272

 737D77

 73897C

 739482

 73A087

Harmonies

Analogous

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



5E406F



733859



7A3740

Triad

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



733859



4E4E1A



00576E

Complementary

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



733859



387352

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.



005858



733859



325428

Square

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



733859



64461B



00573F



00527B

Rectangle

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



733859



773A31



00573F



005768

Sweetspot

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



733859



96808D



523873



4D3F46



CCCCCC



4D4D4D

Same Dimension

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



733859



96396D



73383C



3B3538



7A0044



FA008C

Inverse Universe

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



733859



96396D



38736F



3B3538



7A0044



FA008C

Previews

White Background



This preview shows how the Hex color 733859 looks on a white background.

Color Contrast Check

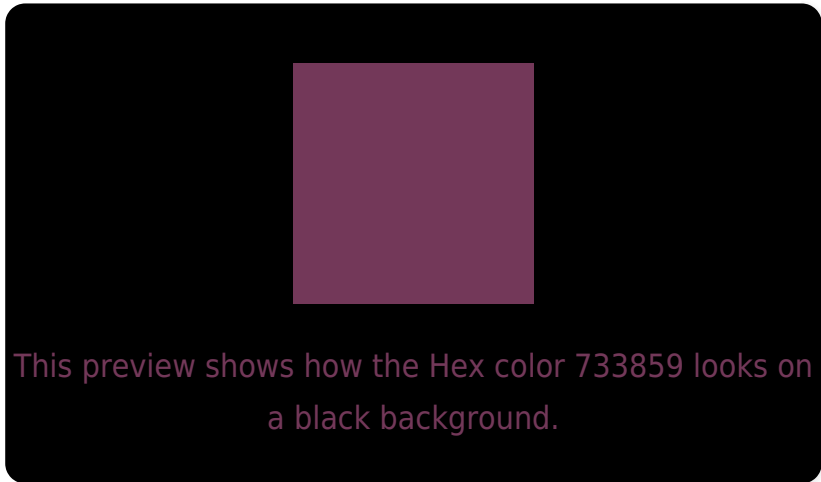
Large Text (above 18pt) WCAG AA ✓ Pass

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

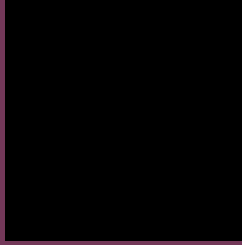
Any Text WCAG AA × Fail

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 733859 Background



This preview shows how black text looks on a background with the Hex color 733859.



This preview shows how white text looks on a background with the Hex color 733859.

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
733859

Protanopia
454C67

Deuteranopia
4F4A56



Tritanopia
713D41

Trichromacy



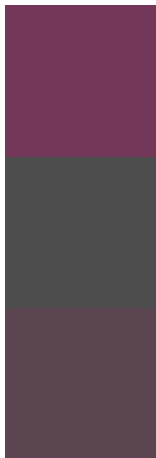
Original Color
733859

Protanomaly
564562

Deuteranomaly
5C4357

Tritanomaly
723B4A

Monochromacy



Original Color
733859

Achromatopsia
4D4D4D

Achromatomaly
5B4551

CSS Examples

Text

The CSS property to change the color of the text to Hex 733859 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 #733859 looks like.

```
.text, #text, p{  
    color:#733859  
}
```

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 #733859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #733859
}
```

Border

The CSS property to change the border of an element to Hex 733859 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".

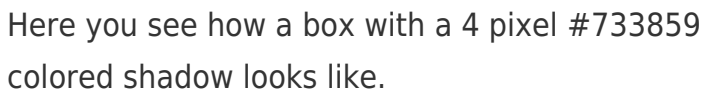
```
.border, #border, table{ border:4px solid
#733859 }
```

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

```
.border{ border-color:#733859 }
```

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

Here you see how a box with a 4 pixel #733859 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #733859; -webkit-box-shadow:4px 4px  
4px 4px #733859; box-shadow:4px 4px 4px  
4px #733859 }
```

Background

The CSS property to change the background color of an element to Hex 733859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#733859 }
```

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

```
.background{ background-color:#733859 }
```

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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