

Converting Colors

Hex(733153)

Have a look what the booklet for
Hex(733153) contains.

Hex(733153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(733153)

Conversions

Conversions Part 1

Format	Color
Hex	733153
RGB	115, 49, 83
RGB Percent	45%, 19%, 33%
CMY	0.5490, 0.8078, 0.6745
CMYK	0.00, 0.57, 0.28, 0.55
HSL	329°, 40%, 32%
HSV	329°, 57%, 45%
XYZ	9.7299, 6.4660, 8.9189
YIQ	72.6100, 28.4220, 24.5660

Conversions

Conversions Part 2

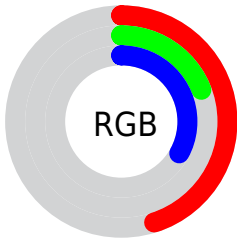
Format	Color
R_{YB}	115, 49, 83
Decimal	7549267
CIE _{Lab}	30.56, 33.21, -6.58
CIE _{LCh}	31, 33.859, 348.786
Yxy	6.4660, 0.3874, 0.2575
Android (android.graphics.Color)	4285739347 (0xFF733153)
YUV	72.6100, 5.1223, 37.1760
Hunter-Lab	25.4283, 23.8016, -2.9958

Details

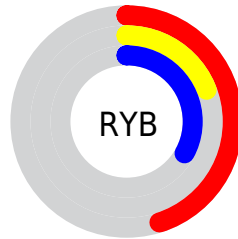
The Hex color **733153** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **317351**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **A96284**, and **400026** is the 20% darker color. If you saturate the color by 10%, you get **73264D**, and if you desaturate by 10%, it is **733D59**.

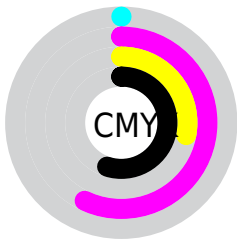
Distribution



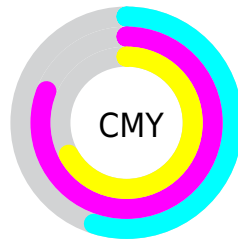
- Red (45%)
- Green (19%)
- Blue (33%)



- Red (45%)
- Yellow (19%)
- Blue (33%)



- Cyan (0%)
- Magenta (57%)
- Yellow (28%)
- Black (55%)



- Cyan (55%)
- Magenta (81%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 733153 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 733153 by changing the saturation by 10% instead.

733153

733153

FFFFFF

59193C

A96284

400026

C57C9F

2B0012

E296B9

000000

FFB2D5

FFCDF2

FFEAFB

733153

733153

73264D

733D59

731A48

73485E

730F42

735464

73033D

735F69

73003B

736B6F

737674

73827A

738D80

739985

Harmonies

Analogous

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



5E3A6B



733153



783138

Triad

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



733153



464C12



00536F

Complementary

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



733153



317351

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.



005558



733153



275123

Square

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



733153



5E4311



00543D



004E7C

Rectangle

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



733153



743528



00543D



005468

Sweetspot

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



733153



967D8A



513173



4D3D45



CCCCCC



4D4D4D

Same Dimension

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



733153



962F64



733132



3B3538



7A003F



FA0081

Inverse Universe

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



733153



962F64



317372



3B3538



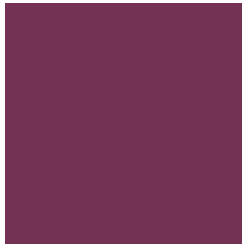
7A003F



FA0081

Previews

White Background



This preview shows how the Hex color 733153 looks on a white background.

Color Contrast Check

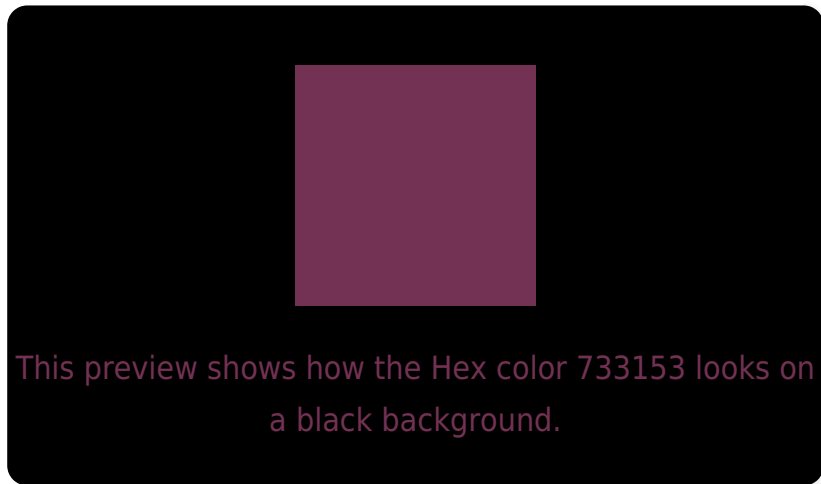
Large Text (above 18pt) WCAG AA ✓ Pass

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

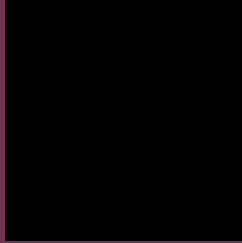
Any Text WCAG AA × Fail

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 733153 Background



This preview shows how black text looks on a background with the Hex color 733153.

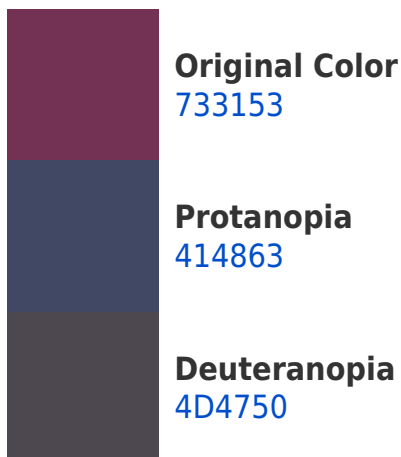



This preview shows how white text looks on a background with the Hex color 733153.

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
71363A

Trichromacy



Original Color
733153

Protanomaly
53405D

Deuteranomaly
5B3F51

Tritanomaly
723443

Monochromacy



Original Color
733153

Achromatopsia
494949

Achromatomaly
58404D

CSS Examples

Text

The CSS property to change the color of the text to Hex 733153 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 #733153 looks like.

```
.text, #text, p{  
    color:#733153  
}
```

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 #733153 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #733153
}
```

Border

The CSS property to change the border of an element to Hex 733153 is called "border". The border property can be set on classes, ids or directly on the HTML element.

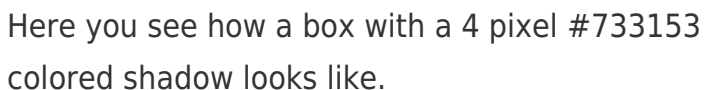
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#733153 }
```

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

```
.border{ border-color:#733153 }
```

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



Here you see how a box with a 4 pixel #733153 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #733153; -webkit-box-shadow:4px 4px  
4px 4px #733153; box-shadow:4px 4px 4px  
4px #733153 }
```

Background

The CSS property to change the background color of an element to Hex 733153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#733153 }
```

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

```
.background{ background-color:#733153 }
```

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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