

Converting Colors

Hex(733F59)

Have a look what the booklet for
Hex(733F59) contains.

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Color

Hex(733F59)

Conversions

Conversions Part 1

Format	Color
Hex	733F59
RGB	115, 63, 89
RGB Percent	45%, 25%, 35%
CMY	0.5490, 0.7529, 0.6510
CMYK	0.00, 0.45, 0.23, 0.55
HSL	330°, 29%, 35%
HSV	330°, 45%, 45%
XYZ	10.6509, 7.9211, 10.4188
YIQ	81.5120, 22.6460, 19.1100

Conversions

Conversions Part 2

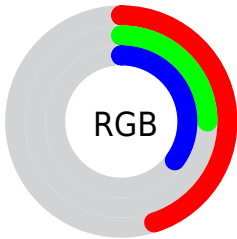
Format	Color
R _Y B	115, 63, 89
Decimal	7552857
CIE Lab	33.82, 26.32, -5.58
CIE LCh	34, 26.910, 348.022
Yxy	7.9211, 0.3674, 0.2732
Android (android.graphics.Color)	4285742937 (0xFF733F59)
YUV	81.5120, 3.6916, 29.3690
Hunter-Lab	28.1445, 18.2981, -2.2473

Details

The Hex color **733F59** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3F7359**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A8708B**, and **41112C** is the 20% darker color. If you saturate the color by 10%, you get **733353**, and if you desaturate by 10%, it is **734B5F**.

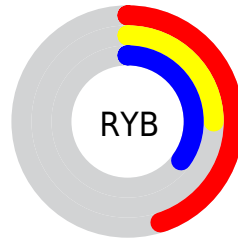
Distribution



Red (45%)

Green (25%)

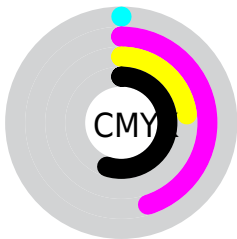
Blue (35%)



Red (45%)

Yellow (25%)

Blue (35%)

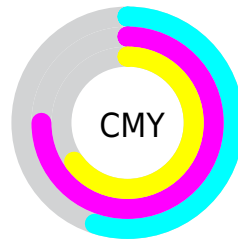


Cyan (0%)

Magenta (45%)

Yellow (23%)

Black (55%)



Cyan (55%)

Magenta (75%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 733F59 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 733F59 by changing the saturation by 10% instead.

 733F59

 733F59

FFFFFF

 5A2842

 A8708B

 41112C

 C48AA5

 2A0017

 E0A4C0

 000000

 FDC0DC

 FFDCF9

 FFF9FF

 733F59

 733F59

 733353

 734B5F

73284E

735665

731D48

73626A

731142

736D70

73053C

737976

73003A

73847C

739081

739B87

73A68D

Harmonies

Analogous

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



62456C



733F59



783F43

Triad

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



733F59



505226



00596F

Complementary

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



733F59



3F7359

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.



005B5C



733F59



385732

Square

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



733F59



644B25



165A46



165479

Rectangle

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



733F59



754236



165A46



005A69

Sweetspot

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



733F59



96818C



593F73



4D3F46



CCCCCC



4D4D4D

Same Dimension

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



733F59



96456E



733F3F



3B3538



7A003D



FA007D

Inverse Universe

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



733F59



96456E



3F7373



3B3538



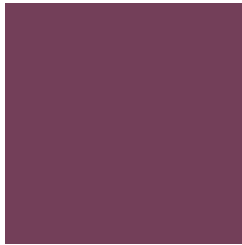
7A003D



FA007D

Previews

White Background



This preview shows how the Hex color 733F59 looks on a white background.

Color Contrast Check

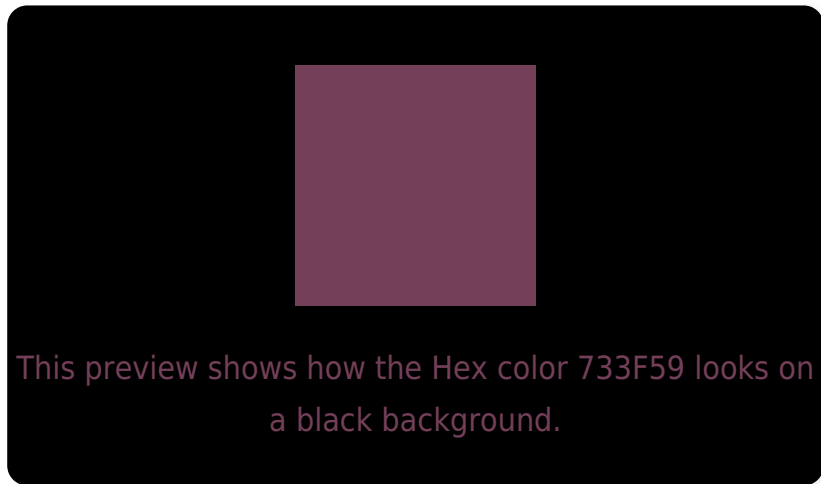
Large Text (above 18pt) WCAG AA ✓ Pass

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

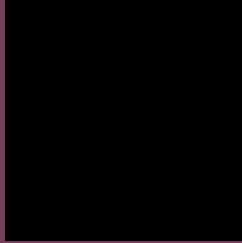
Any Text WCAG AA × Fail

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 733F59 Background



This preview shows how black text looks on a background with the Hex color 733F59.



This preview shows how white text looks on a background with the Hex color 733F59.

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
733F59

Protanopia
4B4F64

Deuteranopia
554E56



Tritanopia
714247

Trichromacy



Original Color
733F59

Protanomaly
5A4960

Deuteranomaly
604957

Tritanomaly
72414E

Monochromacy



Original Color
733F59

Achromatopsia
525252

Achromatomaly
5E4B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 733F59 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 #733F59 looks like.

```
.text, #text, p{  
    color:#733F59  
}
```

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 #733F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #733F59
}
```

Border

The CSS property to change the border of an element to Hex 733F59 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
#733F59 }
```

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

```
.border{ border-color:#733F59 }
```

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

Here you see how a box with a 4 pixel #733F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #733F59; -webkit-box-shadow:4px 4px  
4px 4px #733F59; box-shadow:4px 4px 4px  
4px #733F59 }
```

Background

The CSS property to change the background color of an element to Hex 733F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#733F59 }
```

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

```
.background{ background-color:#733F59 }
```

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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