

# Converting Colors

Hex(73303F)

Have a look what the booklet for  
Hex(73303F) contains.

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# Color

**Hex(73303F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73303F
RGB	115, 48, 63
RGB Percent	45%, 19%, 25%
CMY	0.5490, 0.8118, 0.7529
CMYK	0.00, 0.58, 0.45, 0.55
HSL	347°, 41%, 32%
HSV	347°, 58%, 45%
XYZ	9.0244, 6.1176, 5.4078
YIQ	69.7430, 35.1170, 18.8690

# Conversions

## Conversions Part 2

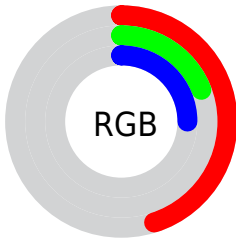
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 48, 63
Decimal	7548991
CIE <sub>Lab</sub>	29.71, 31.09, 5.29
CIE <sub>LCh</sub>	30, 31.535, 9.656
Yxy	6.1176, 0.4391, 0.2977
Android (android.graphics.Color)	4285739071 (0xFF73303F)
YUV	69.7430, -3.3243, 39.6904
Hunter-Lab	24.7338, 21.8433, 4.3505

# Details

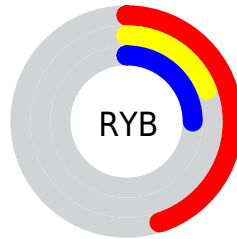
The Hex color **73303F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **307364**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **AA616E**, and **3F0015** is the 20% darker color. If you saturate the color by 10%, you get **732536**, and if you desaturate by 10%, it is **733C48**.

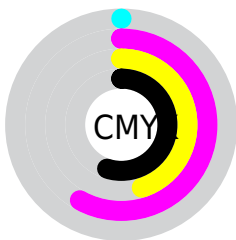
# Distribution



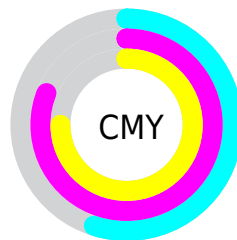
- Red (45%)
- Green (19%)
- Blue (25%)



- Red (45%)
- Yellow (19%)
- Blue (25%)



- Cyan (0%)
- Magenta (58%)
- Yellow (45%)
- Black (55%)



- Cyan (55%)
- Magenta (81%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73303F 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 73303F by changing the saturation by 10% instead.



 73303F

 73303F

FFFFFF

 591829

 AA616E

 3F0015

 C67A88

 2A0001

 E395A2

 000000

 FFB0BD

 FFCCD9

 FFE8F5

 73303F

 73303F

 732536

 733C48

 73192D

 734751

 730D24

 73535A

 73021B

 735E63

 73001A

 736A6C

 737575

 73817D

 738C86

 73988F

# Harmonies

## Analogous

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



6A3358



73303F



6F3528

# Triad

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



73303F



324D1E



004D74

# Complementary

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



73303F



307364

# 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.



005165



73303F



025134

# Square

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



73303F



4C4712



00524D



274676

# Rectangle

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



73303F



673B1C



00524D



004F70



# Sweetspot

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



73303F



967D83



633073



4D3D41



CCCCCC



4D4D4D



# Same Dimension

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



73303F



962D45



734230



3B3536



7A001B



FA0038



# Inverse Universe

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



73303F



962D45



306173



3B3536



7A001B

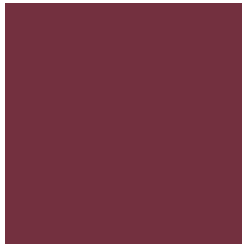


FA0038



# Previews

## White Background



This preview shows how the Hex color 73303F looks on a white background.

## Color Contrast Check

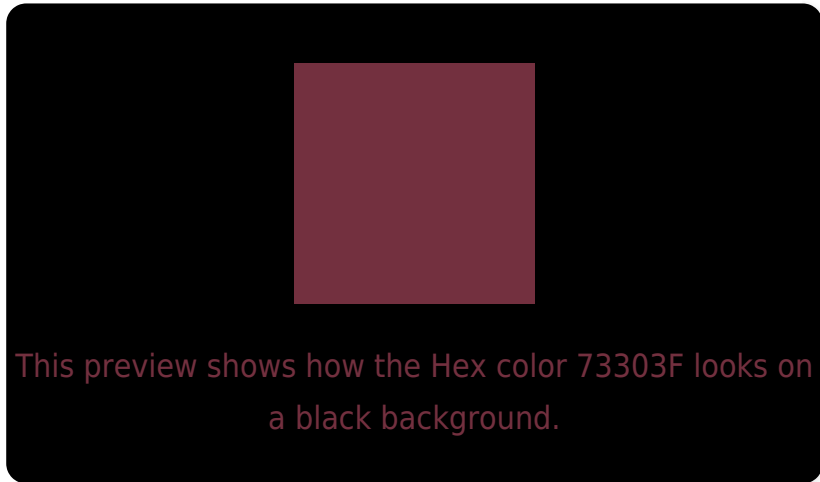
Large Text (above 18pt) WCAG AA ✓ Pass

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

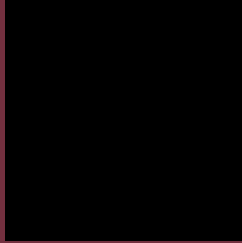
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73303F Background



This preview shows how black text looks on a background with the Hex color 73303F.



This preview shows how white text looks on a background with the Hex color 73303F.

# 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**  
73303F

**Protanopia**  
47464B

**Deuteranopia**  
52443C



# Trichromacy



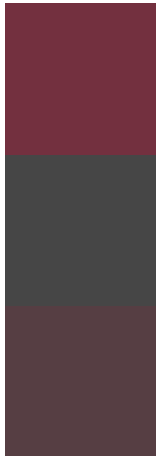
**Original Color**  
73303F

**Protanomaly**  
573E47

**Deuteranomaly**  
5E3D3D

**Tritanomaly**  
723139

# Monochromacy



**Original Color**  
73303F

**Achromatopsia**  
464646

**Achromatomaly**  
563E43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73303F 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 #73303F looks like.

```
.text, #text, p{  
    color:#73303F  
}
```

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 #73303F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73303F
}
```

## Border

The CSS property to change the border of an element to Hex 73303F is called "border". The border property can be set on classes, ids or directly on the HTML element.

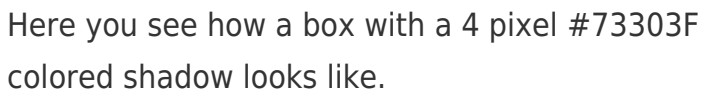
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#73303F }
```

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

```
.border{ border-color:#73303F }
```

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



Here you see how a box with a 4 pixel `#73303F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73303F; -webkit-box-shadow:4px 4px  
4px 4px #73303F; box-shadow:4px 4px 4px  
4px #73303F }
```

# Background

The CSS property to change the background color of an element to Hex 73303F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73303F }
```

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

```
.background{ background-color:#73303F }
```

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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