

# Converting Colors

Hex(70303C)

Have a look what the booklet for  
Hex(70303C) contains.

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**Color**

**Hex(70303C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70303C
RGB	112, 48, 60
RGB Percent	44%, 19%, 24%
CMY	0.5608, 0.8118, 0.7647
CMYK	0.00, 0.57, 0.46, 0.56
HSL	349°, 40%, 31%
HSV	349°, 57%, 44%
XYZ	8.5547, 5.8849, 4.9600
YIQ	68.5040, 34.2920, 17.3000

# Conversions

## Conversions Part 2

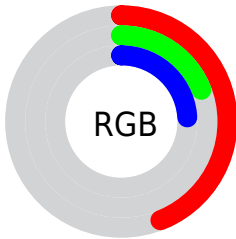
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 48, 60
Decimal	7352380
CIE Lab	29.12, 29.59, 6.37
CIE LCh	29, 30.267, 12.140
Yxy	5.8849, 0.4410, 0.3034
Android (android.graphics.Color)	4285542460 (0xFF70303C)
YUV	68.5040, -4.1925, 38.1460
Hunter-Lab	24.2588, 20.4936, 4.8587

# Details

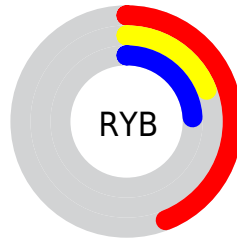
The Hex color **70303C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **307064**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A6616B**, and **3C0012** is the 20% darker color. If you saturate the color by 10%, you get **702533**, and if you desaturate by 10%, it is **703B45**.

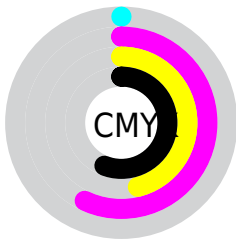
# Distribution



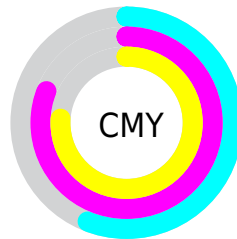
- Red (44%)
- Green (19%)
- Blue (24%)



- Red (44%)
- Yellow (19%)
- Blue (24%)



- Cyan (0%)
- Magenta (57%)
- Yellow (46%)
- Black (56%)



- Cyan (56%)
- Magenta (81%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70303C 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 70303C by changing the saturation by 10% instead.



 70303C

 70303C

FFFFFF

 561826

 A6616B

 3C0012

 C37A84

 270001

 DF949E

 000000

 FDAFB9

 FFCBD5

 FFE7F1

 70303C

 70303C

 702533

 703B45

 701A2A

 70464E

 700E21

 705257

 700318

 705D60

 700015

 70686A

 707373

 707E7C

 708A85

 70958E

# Harmonies

## Analogous

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



683254



70303C



6B3626

# Triad

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



70303C



2F4C20



004B71

# Complementary

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



70303C



307064

# 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.



004F63



70303C



004F35

# Square

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



70303C



494614



00504E



2C4472

# Rectangle

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



70303C



633B1B



00504E



004D6E



# Sweetspot

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



70303C



91797D



633070



4A3B3E



C9C9C9



4A4A4A



# Same Dimension

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



70303C



912D40



704330



383234



780016



F7002E



# Inverse Universe

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



70303C



912D40



305D70



383234



780016

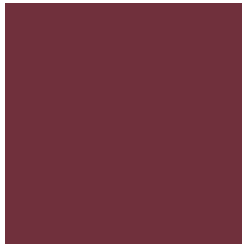


F7002E



# Previews

## White Background



This preview shows how the Hex color 70303C looks on a white background.

## Color Contrast Check

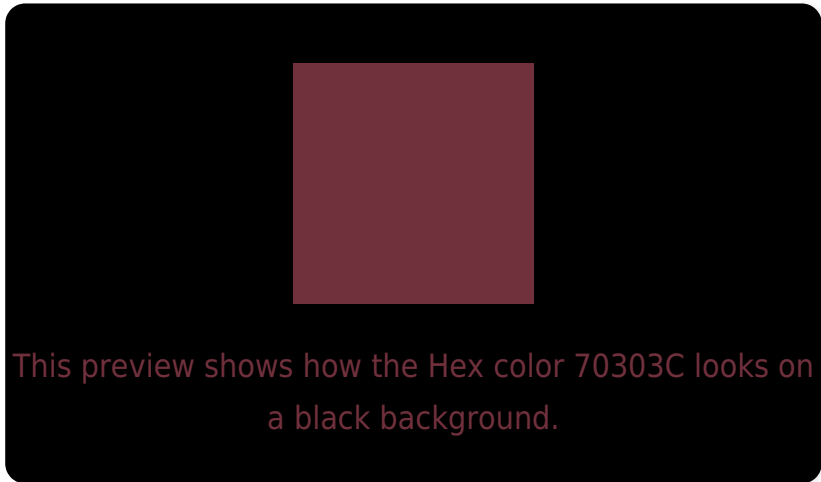
Large Text (above 18pt) WCAG AA ✓ Pass

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

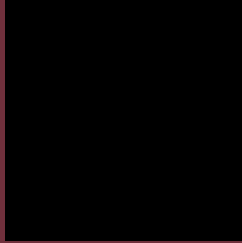
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 70303C Background



This preview shows how black text looks on a background with the Hex color 70303C.



This preview shows how white text looks on a background with the Hex color 70303C.

# 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**  
70303C

**Protanopia**  
464547

**Deuteranopia**  
504339



**Tritanopia**  
6F3135

# Trichromacy



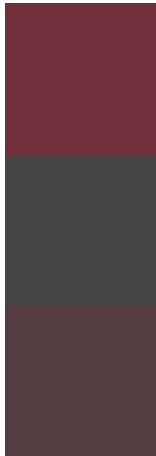
**Original Color**  
70303C

**Protanomaly**  
553D43

**Deuteranomaly**  
5C3C3A

**Tritanomaly**  
6F3138

# Monochromacy



**Original Color**  
70303C

**Achromatopsia**  
454545

**Achromatomaly**  
553D42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70303C 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 #70303C looks like.

```
.text, #text, p{  
    color:#70303C  
}
```

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 #70303C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70303C
}
```

## Border

The CSS property to change the border of an element to Hex 70303C is called "border". The border property can be set on classes, ids or directly on the HTML element.

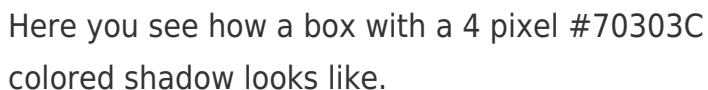
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70303C }
```

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

```
.border{ border-color:#70303C }
```

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



Here you see how a box with a 4 pixel #70303C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70303C; -webkit-box-shadow:4px 4px  
4px 4px #70303C; box-shadow:4px 4px 4px  
4px #70303C }
```

# Background

The CSS property to change the background color of an element to Hex 70303C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70303C }
```

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

```
.background{ background-color:#70303C }
```

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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