

# Converting Colors

Hex(70263B)

Have a look what the booklet for  
Hex(70263B) contains.

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**Color**

**Hex(70263B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70263B
RGB	112, 38, 59
RGB Percent	44%, 15%, 23%
CMY	0.5608, 0.8510, 0.7686
CMYK	0.00, 0.66, 0.47, 0.56
HSL	343°, 49%, 29%
HSV	343°, 66%, 44%
XYZ	8.1646, 5.1467, 4.7008
YIQ	62.5200, 37.3630, 22.2190

# Conversions

## Conversions Part 2

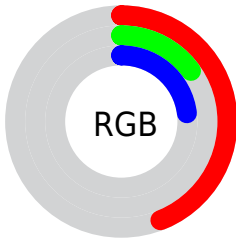
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 38, 59
Decimal	7349819
CIE <sub>Lab</sub>	27.15, 34.63, 4.23
CIE <sub>LCh</sub>	27, 34.887, 6.969
Yxy	5.1467, 0.4533, 0.2857
Android (android.graphics.Color)	4285539899 (0xFF70263B)
YUV	62.5200, -1.7354, 43.3940
Hunter-Lab	22.6864, 24.5392, 3.5952

# Details

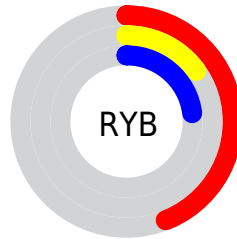
The Hex color **70263B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **26705B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A7576A**, and **3C0011** is the 20% darker color. If you saturate the color by 10%, you get **701B33**, and if you desaturate by 10%, it is **703143**.

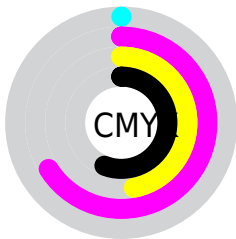
# Distribution



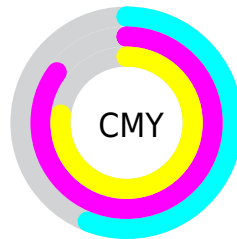
- Red (44%)
- Green (15%)
- Blue (23%)



- Red (44%)
- Yellow (15%)
- Blue (23%)



- Cyan (0%)
- Magenta (66%)
- Yellow (47%)
- Black (56%)



- Cyan (56%)
- Magenta (85%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70263B 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 70263B by changing the saturation by 10% instead.



 70263B

 70263B

FFFFFF

 550B25

 A7576A

 3C0011

 C37183

 240001

 E08B9D

 000000

 FEA6B8

 FFC2D4

 FFDEF0

 FFFBFF

 70263B

 70263B

701B33

703143

70102B

703C4B

700423

704853

700020

70535B

705E63

70696B

707473

70807B

708B83

# Harmonies

## Analogous

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



652B56



70263B



6D2C21

# Triad

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



70263B



2C4812



004871

# Complementary

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



70263B



26705B

# 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.



004C60



70263B



004B2A

# Square

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



70263B



484103



004D46



084175

# Rectangle

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



70263B



643313



004D46



004A6D



# Sweetspot

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



70263B



91747D



5A2670



4A383D



C9C9C9



4A4A4A



# Same Dimension

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



70263B



911F3F



703526



383234



780022



F70046



# Inverse Universe

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



70263B



911F3F



266170



383234



780022

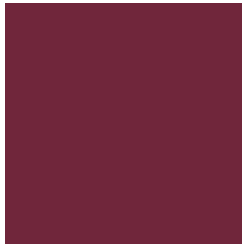


F70046



# Previews

## White Background



This preview shows how the Hex color 70263B looks on a white background.

## Color Contrast Check

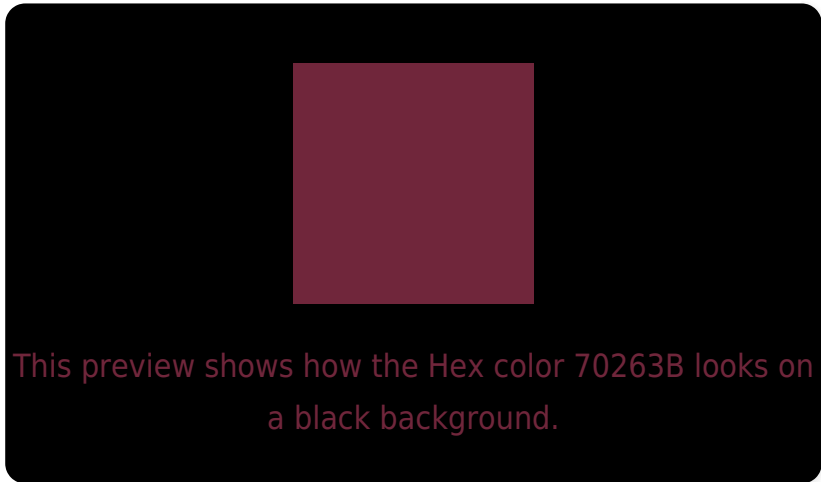
Large Text (above 18pt) WCAG AA ✓ Pass

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 70263B Background



This preview shows how black text looks on a background with the Hex color 70263B.



This preview shows how white text looks on a background with the Hex color 70263B.

# 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**  
70263B

**Protanopia**  
40414A

**Deuteranopia**  
4B3F37



**Tritanopia**  
6F292C

# Trichromacy



**Original Color**  
70263B

**Protanomaly**  
513745

**Deuteranomaly**  
583638

**Tritanomaly**  
6F2831

# Monochromacy



**Original Color**  
70263B

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
51363E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70263B 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 #70263B looks like.

```
.text, #text, p{  
    color:#70263B  
}
```

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 #70263B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70263B
}
```

## Border

The CSS property to change the border of an element to Hex 70263B is called "border". The border property can be set on classes, ids or directly on the HTML element.

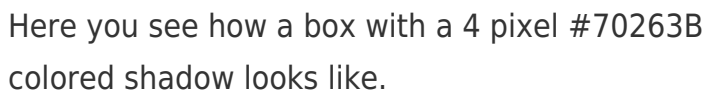
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70263B }
```

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

```
.border{ border-color:#70263B }
```

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



Here you see how a box with a 4 pixel #70263B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70263B; -webkit-box-shadow:4px 4px  
4px 4px #70263B; box-shadow:4px 4px 4px  
4px #70263B }
```

# Background

The CSS property to change the background color of an element to Hex 70263B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70263B }
```

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

```
.background{ background-color:#70263B }
```

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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