

# Converting Colors

Hex(70302D)

Have a look what the booklet for  
Hex(70302D) contains.

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**Color**

**Hex(70302D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70302D
RGB	112, 48, 45
RGB Percent	44%, 19%, 18%
CMY	0.5608, 0.8118, 0.8235
CMYK	0.00, 0.57, 0.60, 0.56
HSL	3°, 43%, 31%
HSV	3°, 60%, 44%
XYZ	8.2127, 5.7481, 3.1593
YIQ	66.7940, 39.1070, 12.6350

# Conversions

## Conversions Part 2

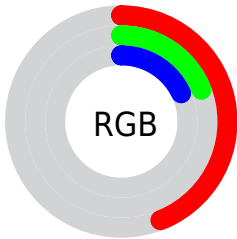
Format	Color
R <sub>Y</sub> B	112, 48, 45
Decimal	7352365
CIE Lab	28.77, 28.08, 15.73
CIE LCh	29, 32.187, 29.253
Yxy	5.7481, 0.4797, 0.3358
Android (android.graphics.Color)	4285542445 (0xFF70302D)
YUV	66.7940, -10.7444, 39.6457
Hunter-Lab	23.9752, 19.1884, 8.9699

# Details

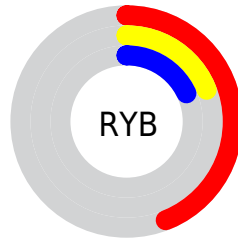
The Hex color **70302D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D6D70**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **A7605B**, and **3C0100** is the 20% darker color. If you saturate the color by 10%, you get **702522**, and if you desaturate by 10%, it is **703B38**.

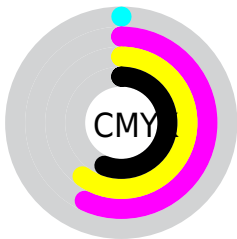
# Distribution



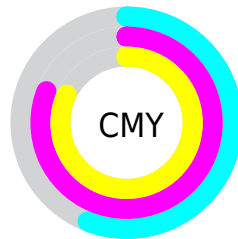
- Red (44%)
- Green (19%)
- Blue (18%)



- Red (44%)
- Yellow (19%)
- Blue (18%)



- Cyan (0%)
- Magenta (57%)
- Yellow (60%)
- Black (56%)



- Cyan (56%)
- Magenta (81%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70302D 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 70302D by changing the saturation by 10% instead.



 70302D

 70302D

FFFFFF

 551918

 A7605B

 3C0100

 C47A73

 240001

 E1948D

 000000

 FEAF7

 FFCBC2

 FFE7DE

 FFFFFB

 70302D

 70302D

 702522

 703B38

 701B17

 704543

 70100B

 70504F

 700500

 705B5A

 706565

 707070

 707B7B

 708687

 709092

# Harmonies

## Analogous

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



702D45



70302D



653919

# Triad

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



70302D



154E29



004775

# Complementary

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



70302D



2D6D70

# 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.



004D6E



70302D



005042

# Square

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



70302D



394915



00505B



433E6F

# Rectangle

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



70302D



593F10



00505B



004975



# Sweetspot

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



70302D



917877



702D6E



4A3A3A



C9C9C9



4A4A4A



# Same Dimension

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



70302D



912D29



70512D



383332



780500



F70B00



# Inverse Universe

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



2D6D70



298D91



2D4C70



323838



007278

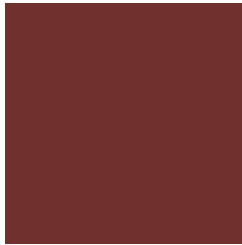


00ECF7



# Previews

## White Background



This preview shows how the Hex color 70302D looks on a white background.

## Color Contrast Check

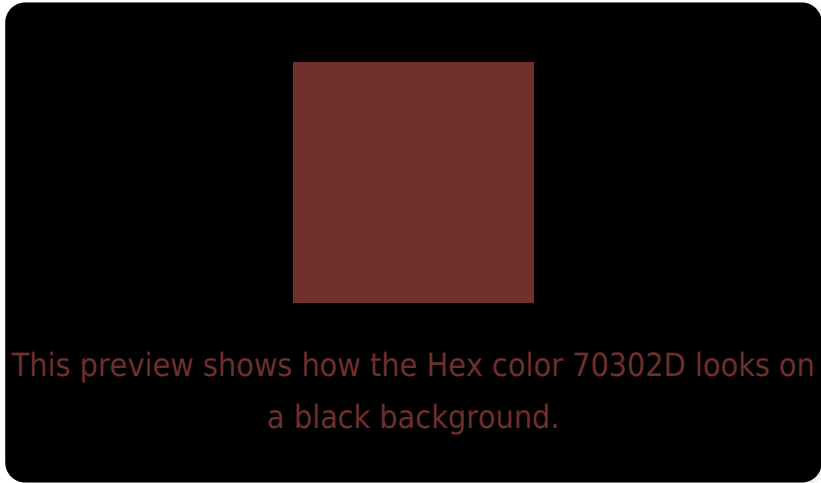
Large Text (above 18pt) WCAG AA ✓ Pass

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

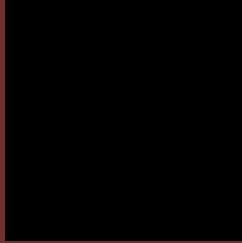
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 70302D Background



This preview shows how black text looks on a background with the Hex color 70302D.

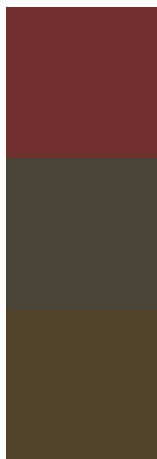


This preview shows how white text looks on a background with the Hex color 70302D.

# 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**  
70302D

**Protanopia**  
494536

**Deuteranopia**  
53422A



**Tritanopia**  
702F32

# Trichromacy



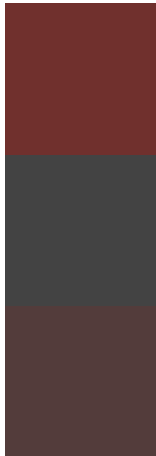
**Original Color**  
70302D

**Protanomaly**  
573D33

**Deuteranomaly**  
5E3B2B

**Tritanomaly**  
702F30

# Monochromacy



**Original Color**  
70302D

**Achromatopsia**  
434343

**Achromatomaly**  
533C3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70302D 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 #70302D looks like.

```
.text, #text, p{  
    color:#70302D  
}
```

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 #70302D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70302D
}
```

## Border

The CSS property to change the border of an element to Hex 70302D 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".

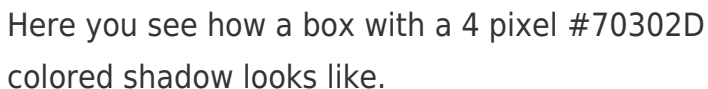
```
.border, #border, table{ border:4px solid
#70302D }
```

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

```
.border{ border-color:#70302D }
```

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

Here you see how a box with a 4 pixel #70302D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is cast to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70302D; -webkit-box-shadow:4px 4px  
4px 4px #70302D; box-shadow:4px 4px 4px  
4px #70302D }
```

# Background

The CSS property to change the background color of an element to Hex 70302D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70302D }
```

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

```
.background{ background-color:#70302D }
```

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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