

# Converting Colors

Hex(70444D)

Have a look what the booklet for  
Hex(70444D) contains.

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**Color**

**Hex(70444D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70444D
RGB	112, 68, 77
RGB Percent	44%, 27%, 30%
CMY	0.5608, 0.7333, 0.6980
CMYK	0.00, 0.39, 0.31, 0.56
HSL	348°, 24%, 35%
HSV	348°, 39%, 44%
XYZ	10.0888, 8.1148, 8.0558
YIQ	82.1820, 23.3350, 12.1270

# Conversions

## Conversions Part 2

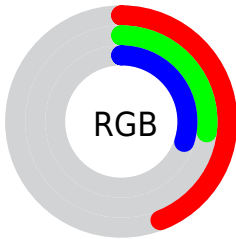
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 68, 77
Decimal	7357517
CIE <sub>Lab</sub>	34.22, 20.27, 2.63
CIE <sub>LCh</sub>	34, 20.439, 7.383
Yxy	8.1148, 0.3842, 0.3090
Android (android.graphics.Color)	4285547597 (0xFF70444D)
YUV	82.1820, -2.5547, 26.1504
Hunter-Lab	28.4865, 13.3661, 3.1738

# Details

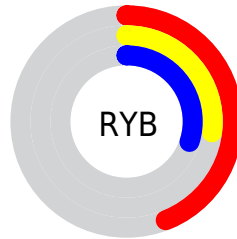
The Hex color **70444D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **447067**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A5757E**, and **3E1721** is the 20% darker color. If you saturate the color by 10%, you get **703944**, and if you desaturate by 10%, it is **704F56**.

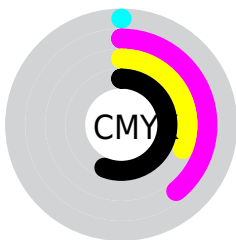
# Distribution



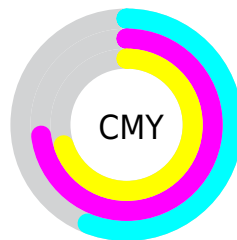
- Red (44%)
- Green (27%)
- Blue (30%)



- Red (44%)
- Yellow (27%)
- Blue (30%)



- Cyan (0%)
- Magenta (39%)
- Yellow (31%)
- Black (56%)



- Cyan (56%)
- Magenta (73%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70444D 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 70444D by changing the saturation by 10% instead.



70444D

70444D

FFFFFF

572D36

A5757E

3E1721

C18F98

29000A

DDA9B2

000000

FAC5CE

FFE1EA

FFDFDF

70444D

70444D

703944

704F56

 702E3B

 705A5F

 702232

 706668

 701729

 707171


 700C20

 707C7A

 700118

 708782

 700017

 70928B

 709E94

 70A99D

# Harmonies

## Analogous

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



68465D



70444D



6F463E

# Triad

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



70444D



465536



26566E

# Complementary

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



70444D



447067

# 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.



145864



70444D



325843

# Square

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



70444D



575130



1E5954



405170

# Rectangle

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



70444D



694936



1E5954



1E576B



# Sweetspot

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



70444D



918083



664470



4A4042



C9C9C9



4A4A4A



# Same Dimension

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



70444D



914D5B



705044



383234



780019



F70033



# Inverse Universe

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



70444D



914D5B



446470



383234



780019

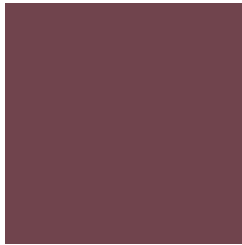


F70033



# Previews

## White Background



This preview shows how the Hex color 70444D looks on a white background.

## Color Contrast Check

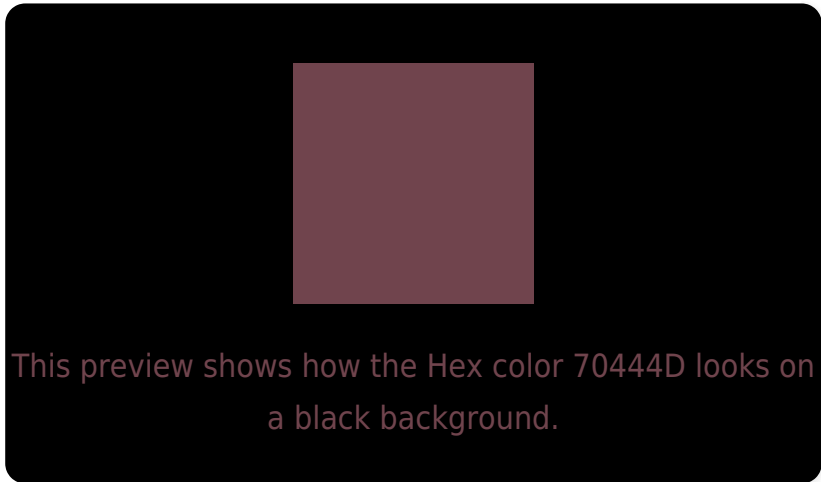
Large Text (above 18pt) WCAG AA ✓ Pass

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

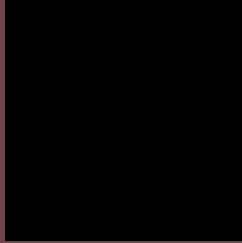
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 70444D Background



This preview shows how black text looks on a background with the Hex color 70444D.



This preview shows how white text looks on a background with the Hex color 70444D.

# 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**  
70444D

**Protanopia**  
515054

**Deuteranopia**  
5B4E4B



**Tritanopia**  
70454A

# Trichromacy



**Original Color**

70444D

**Protanomaly**

5C4C51

**Deuteranomaly**

634A4C

**Tritanomaly**

70454B

# Monochromacy



**Original Color**

70444D

**Achromatopsia**

525252

**Achromatomaly**

5D4D50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70444D 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 #70444D looks like.

```
.text, #text, p{  
    color:#70444D  
}
```

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 #70444D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70444D
}
```

## Border

The CSS property to change the border of an element to Hex 70444D is called "border". The border property can be set on classes, ids or directly on the HTML element.

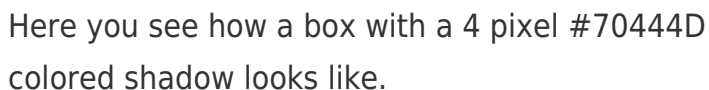
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70444D }
```

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

```
.border{ border-color:#70444D }
```

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



Here you see how a box with a 4 pixel #70444D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70444D; -webkit-box-shadow:4px 4px  
4px 4px #70444D; box-shadow:4px 4px 4px  
4px #70444D }
```

# Background

The CSS property to change the background color of an element to Hex 70444D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70444D }
```

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

```
.background{ background-color:#70444D }
```

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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