

# Converting Colors

Hex(71424C)

Have a look what the booklet for  
Hex(71424C) contains.

<b>Hex(71424C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(71424C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71424C
RGB	113, 66, 76
RGB Percent	44%, 26%, 30%
CMY	0.5569, 0.7412, 0.7020
CMYK	0.00, 0.42, 0.33, 0.56
HSL	347°, 26%, 35%
HSV	347°, 42%, 44%
XYZ	10.0628, 7.9289, 7.8375
YIQ	81.1930, 24.8020, 13.0740

# Conversions

## Conversions Part 2

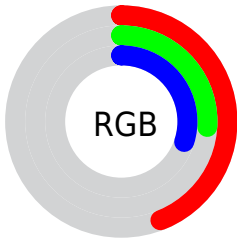
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 66, 76
Decimal	7422540
CIE <sub>Lab</sub>	33.83, 21.73, 2.73
CIE <sub>LCh</sub>	34, 21.902, 7.148
Yxy	7.9289, 0.3896, 0.3070
Android (android.graphics.Color)	4285612620 (0xFF71424C)
YUV	81.1930, -2.5601, 27.8947
Hunter-Lab	28.1584, 14.5122, 3.2082

# Details

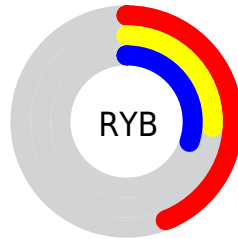
The Hex color **71424C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **427167**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A6737D**, and **3F1520** is the 20% darker color. If you saturate the color by 10%, you get **713743**, and if you desaturate by 10%, it is **714D55**.

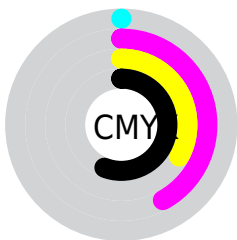
# Distribution



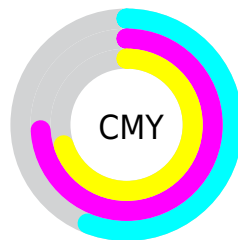
- Red (44%)
- Green (26%)
- Blue (30%)



- Red (44%)
- Yellow (26%)
- Blue (30%)



- Cyan (0%)
- Magenta (42%)
- Yellow (33%)
- Black (56%)




- Cyan (56%)
- Magenta (74%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71424C 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 71424C by changing the saturation by 10% instead.



 71424C

 71424C

FFFFFF

 582B35

 A6737D

 3F1520

 C28D97

 290008

 DEA7B1

 000000


 FBC3CD

 FFD9E9

 FFFBFF


 71424C

 71424C

 713743


 714D55

 712B3A

 71595E


 712031

 716467

 711528


 716F70


 710A20

 717B78

 710018

 718681

 71918A

 719C93

 71A89C

# Harmonies

## Analogous

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



69445D



71424C



70443B

# Triad

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



71424C



445533



1F556F

# Complementary

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



71424C



427167

# 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.



045864



71424C



2F5842

# Square

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



71424C



57502D



165953



3D5072

# Rectangle

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



71424C



6A4833



165953



14566C



# Sweetspot

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



71424C



948286



674271



4A4042



C9C9C9



4A4A4A



# Same Dimension

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



71424C



944A5A



714F42



383234



780019



F70035



# Inverse Universe

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



71424C



944A5A



426471



383234



780019

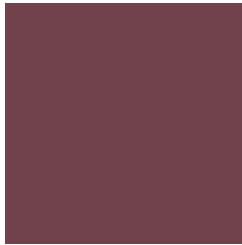


F70035



# Previews

## White Background



This preview shows how the Hex color 71424C looks on a white background.

## Color Contrast Check

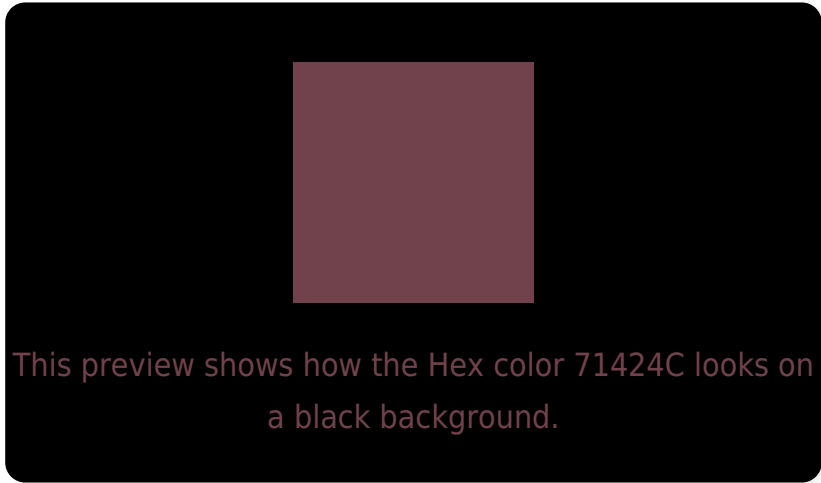
Large Text (above 18pt) WCAG AA ✓ Pass

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

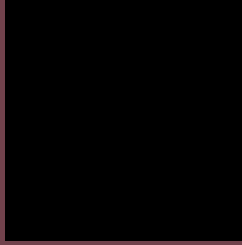
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 71424C Background



This preview shows how black text looks on a background with the Hex color 71424C.



This preview shows how white text looks on a background with the Hex color 71424C.

# 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**  
71424C

**Protanopia**  
505054

**Deuteranopia**  
5A4D4A



**Tritanopia**  
714348

# Trichromacy



**Original Color**  
71424C

**Protanomaly**  
5C4B51

**Deuteranomaly**  
62494B

**Tritanomaly**  
714349

# Monochromacy



**Original Color**  
71424C

**Achromatopsia**  
515151

**Achromatomaly**  
5D4C4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71424C 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 #71424C looks like.

```
.text, #text, p{  
    color:#71424C  
}
```

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 #71424C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71424C
}
```

## Border

The CSS property to change the border of an element to Hex 71424C is called "border". The border property can be set on classes, ids or directly on the HTML element.

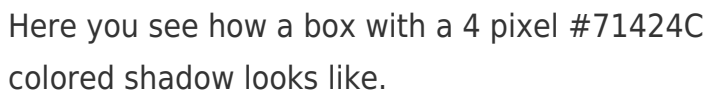
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71424C }
```

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

```
.border{ border-color:#71424C }
```

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



Here you see how a box with a 4 pixel #71424C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71424C; -webkit-box-shadow:4px 4px  
4px 4px #71424C; box-shadow:4px 4px 4px  
4px #71424C }
```

# Background

The CSS property to change the background color of an element to Hex 71424C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71424C }
```

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

```
.background{ background-color:#71424C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor