

# Converting Colors

Hex(75244C)

Have a look what the booklet for  
Hex(75244C) contains.

<b>Hex(75244C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(75244C)**

# Conversions

Conversions Part 1	
Format	Color
Hex	75244C
RGB	117, 36, 76
RGB Percent	46%, 14%, 30%
CMY	0.5412, 0.8588, 0.7020
CMYK	0.00, 0.69, 0.35, 0.54
HSL	330°, 53%, 30%
HSV	330°, 69%, 46%
XYZ	9.2715, 5.5655, 7.4231
YIQ	64.7790, 35.4360, 29.6120

# Conversions

## Conversions Part 2

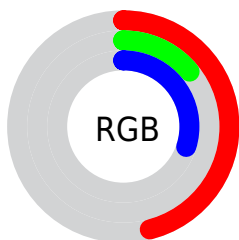
Format	Color
<a href="#">RYB</a>	<a href="#">117, 36, 76</a>
Decimal	<a href="#">7677004</a>
CIELab	<a href="#">28.29, 39.27, -5.34</a>
CIELCh	<a href="#">28, 39.629, 352.251</a>
Yxy	<a href="#">5.5655, 0.4165, 0.2500</a>
Android (android.graphics.Color)	<a href="#">4285867084</a> (0xFF75244C)
YUV	<a href="#">64.7790, 5.5320, 45.7978</a>
Hunter-Lab	<a href="#">23.5912, 28.8670, -2.1419</a>

# Details

The Hex color **75244C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **24754D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **AC577D**, and **410020** is the 20% darker color. If you saturate the color by 10%, you get **751846**, and if you desaturate by 10%, it is **753052**.

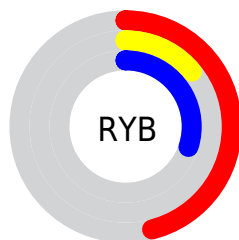
# Distribution



Red (46%)

Green (14%)

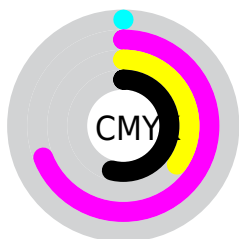
Blue (30%)



Red (46%)

Yellow (14%)

Blue (30%)

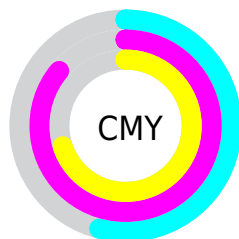


Cyan (0%)

Magenta (69%)

Yellow (35%)

Black (54%)



Cyan (54%)

Magenta (86%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75244C 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 75244C by changing the saturation by 10% instead.



 75244C

 75244C

FFFFFF

 5A0635

 AC577D

 410020

 C87197

 2B0007

 E58BB1

 000000

 FFA6CD

 FFC2E9

 FFDEFF

 FFFBFF

 75244C

 75244C

 751846

 753052

 750D40

 753B58

 75013A

 75475E

 75003A

 755364

 755F6A

 756A70

 757675

 75827B

 758D81

# Harmonies

## Analogous

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



603069



75244C



78252E

# Triad

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



75244C



3B4800



004F73

# Complementary

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



75244C



24754D

# 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.



005159



75244C



0F4E1B

# Square

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



75244C



583F00



00503A



00497F

# Rectangle

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



75244C



722D1B



00503A



00506B



# Sweetspot

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



75244C



997989



4D2475



4D3943



CCCCCC



4D4D4D



# Same Dimension

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



75244C



991A59



752424



3B3538



7A003C



FA007B



# Inverse Universe

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



75244C



991A59



247575



3B3538



7A003C

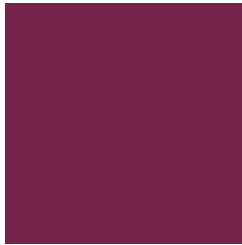


FA007B



# Previews

## White Background



This preview shows how the Hex color 75244C 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



This preview shows how the Hex color 75244C looks on a 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 75244C Background



This preview shows how black text looks on a background with the Hex color 75244C.



This preview shows how white text looks on a background with the Hex color 75244C.

# 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**  
75244C

**Protanopia**  
3B4361

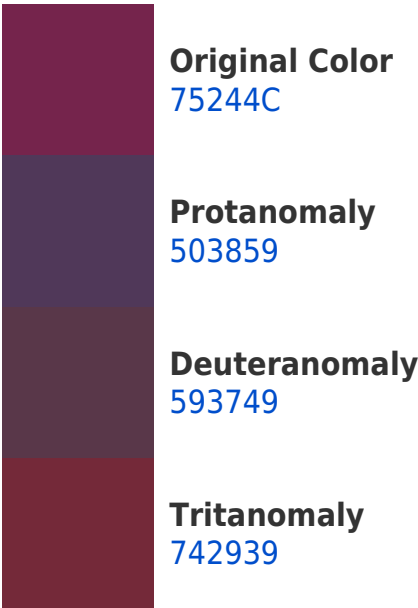
**Deuteranopia**  
494248



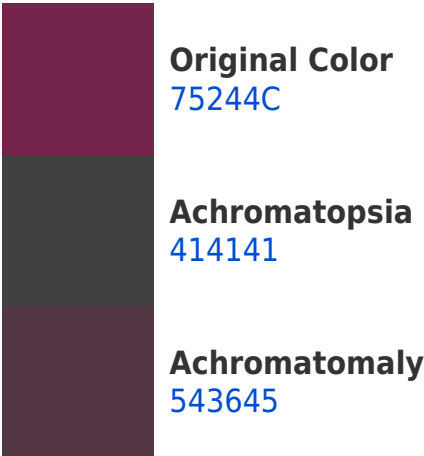
# Tritanopia

## 732C2E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75244C 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 #75244C looks like.

```
.text, #text, p{  
    color:#75244C  
}
```

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 #75244C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75244C
}
```

## Border

The CSS property to change the border of an element to Hex 75244C 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
#75244C }
```

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

```
.border{ border-color:#75244C }
```

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

Here you see how a box with a 4 pixel #75244C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75244C; -webkit-box-shadow:4px 4px  
4px 4px #75244C; box-shadow:4px 4px 4px  
4px #75244C }
```

# Background

The CSS property to change the background color of an element to Hex 75244C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75244C }
```

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

```
.background{ background-color:#75244C }
```

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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