

# Converting Colors

Hex(75463B)

Have a look what the booklet for  
Hex(75463B) contains.

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# Color

**Hex(75463B)**

# Conversions

Conversions Part 1	
Format	Color
Hex	75463B
RGB	117, 70, 59
RGB Percent	46%, 27%, 23%
CMY	0.5412, 0.7255, 0.7686
CMYK	0.00, 0.40, 0.50, 0.54
HSL	11°, 33%, 35%
HSV	11°, 50%, 46%
XYZ	10.3157, 8.4780, 5.2304
YIQ	82.7990, 31.5430, 6.5430

# Conversions

## Conversions Part 2

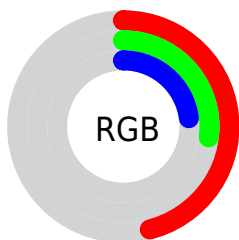
Format	Color
<a href="#">RYB</a>	<a href="#">117, 73, 59</a>
Decimal	<a href="#">7685691</a>
CIELab	<a href="#">34.96, 18.85, 15.16</a>
CIELCh	<a href="#">35, 24.188, 38.804</a>
Yxy	<a href="#">8.4780, 0.4294, 0.3529</a>
Android (android.graphics.Color)	<a href="#">4285875771</a> (0xFF75463B)
YUV	<a href="#">82.7990, -11.7329, 29.9943</a>
Hunter-Lab	<a href="#">29.1170, 12.2850, 9.7314</a>

# Details

The Hex color **75463B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B6A75**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **AB776A**, and **421911** is the 20% darker color. If you saturate the color by 10%, you get **753D2F**, and if you desaturate by 10%, it is **754F47**.

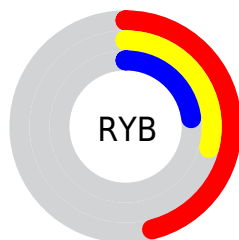
# Distribution



Red (46%)

Green (27%)

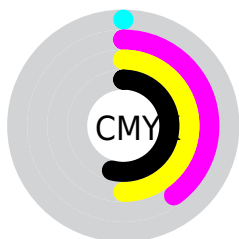
Blue (23%)



Red (46%)

Yellow (29%)

Blue (23%)

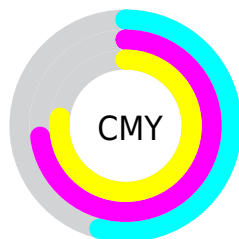


Cyan (0%)

Magenta (40%)

Yellow (50%)

Black (54%)



Cyan (54%)

Magenta (73%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75463B 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 75463B by changing the saturation by 10% instead.



 75463B

FFFFFF

 AB776A

 C79184

 E4AB9E

 FFC7B9

 FFE3D4

 FFFFF1

 75463B

 5B2F25

 421911

 2A0200

 000000

 75463B

 753D2F

 75463B

 754F47

 753324

 755952

 752A18

 75625E

 75200C

 756C6A

 751701

 757576

 751600

 757F81

 75888D

 759299

 759BA4

# Harmonies

## Analogous

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



77434D



75463B



6A4C2E

# Triad

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



75463B



2C5B44



3F5278

# Complementary

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



75463B



3B6A75

# 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.



195876



75463B



085C57

# Square

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



75463B



445833



005B6A



5C4B70

# Rectangle

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



75463B



5F512B



005B6A



335479



# Sweetspot

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



75463B



998682



753B6A



4D413F



CCCCCC



4D4D4D



# Same Dimension

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



75463B



99503F



75633B



3B3635



7A1700



FA2F00



# Inverse Universe

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



3B6A75



3F8899



3B4D75



353A3B



00637A



00CBFA



# Previews

## White Background



This preview shows how the Hex color 75463B looks on a white background.

## Color Contrast Check

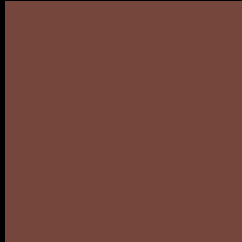
Large Text (above 18pt) WCAG AA ✓ Pass

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 75463B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

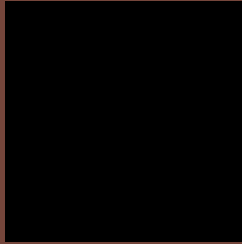
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 75463B Background



This preview shows how black text looks on a background with the Hex color 75463B.

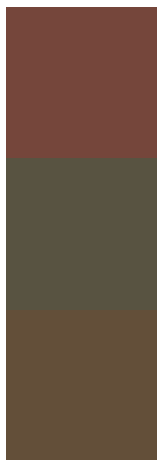


This preview shows how white text looks on a background with the Hex color 75463B.

# 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](#).

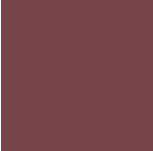
## Dichromacy



**Original Color**  
75463B



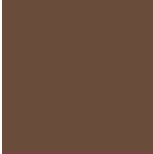

**Protanopia**  
585341

**Deuteranopia**  
634F39



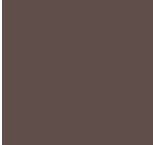


**Tritanopia**  
764449

# Trichromacy

	<b>Original Color</b> 75463B
	<b>Protanomaly</b> 634E3F
	<b>Deuteranomaly</b> 6A4C3A
	<b>Tritanomaly</b> 764544

# Monochromacy

	<b>Original Color</b> 75463B
	<b>Achromatopsia</b> 535353
	<b>Achromatomaly</b> 5F4E4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75463B 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 #75463B looks like.

```
.text, #text, p{  
    color:#75463B  
}
```

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 #75463B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75463B
}
```

## Border

The CSS property to change the border of an element to Hex 75463B 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
#75463B }
```

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

```
.border{ border-color:#75463B }
```

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

Here you see how a box with a 4 pixel #75463B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75463B; -webkit-box-shadow:4px 4px  
4px 4px #75463B; box-shadow:4px 4px 4px  
4px #75463B }
```

# Background

The CSS property to change the background color of an element to Hex 75463B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75463B }
```

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

```
.background{ background-color:#75463B }
```

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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