

# Converting Colors

Hex(75604B)

Have a look what the booklet for  
Hex(75604B) contains.

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**Color**

**Hex(75604B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75604B
RGB	117, 96, 75
RGB Percent	46%, 38%, 29%
CMY	0.5412, 0.6235, 0.7059
CMYK	0.00, 0.18, 0.36, 0.54
HSL	30°, 22%, 38%
HSV	30°, 36%, 46%
XYZ	12.7890, 12.6556, 8.4253
YIQ	99.8850, 19.2570, -2.0790

# Conversions

## Conversions Part 2

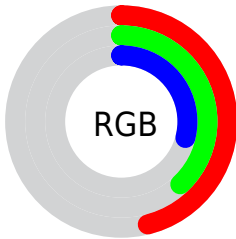
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 117, 75
Decimal	7692363
CIE Lab	42.24, 5.18, 15.19
CIE LCh	42, 16.047, 71.165
Yxy	12.6556, 0.3776, 0.3737
Android (android.graphics.Color)	4285882443 (0xFF75604B)
YUV	99.8850, -12.2683, 15.0099
Hunter-Lab	35.5748, 1.9142, 10.8604

# Details

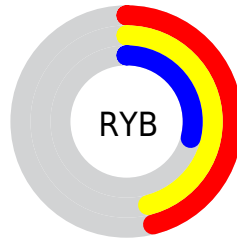
The Hex color **75604B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4B6075**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **AA927C**, and **44321F** is the 20% darker color. If you saturate the color by 10%, you get **755A3F**, and if you desaturate by 10%, it is **756657**.

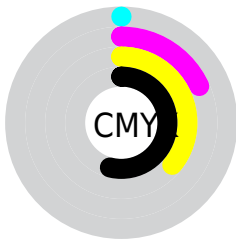
# Distribution



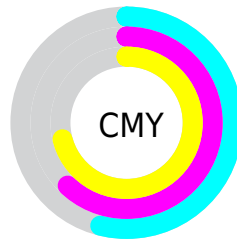
- Red (46%)
- Green (38%)
- Blue (29%)



- Red (46%)
- Yellow (46%)
- Blue (29%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (54%)



- Cyan (54%)
- Magenta (62%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75604B 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 75604B by changing the saturation by 10% instead.





75604B



75604B

FFFFFF



5C4834



AA927C



44321F



C5AD96



2D1D08



E2C8B0



160400



FFE4CC



000000



FFFFE8



75604B



75604B



755A3F



756657



755434



756C62

■ 754E28

■ 75726E

■ 75491C

■ 75777A

■ 754311

■ 757D85

■ 753D05

■ 758391

■ 753B00

■ 75899D

■ 758FA9

■ 7595B4

# Harmonies

## Analogous

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



7D5C53



75604B



68644A

# Triad

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



75604B



406B68



6C5F78

# Complementary

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



75604B



4B6075

# 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.



5B637D



75604B



3E6A75

# Square

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



75604B



4B6B5B



49677C



795B6D

# Rectangle

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



75604B



5F674D



49677C



67607A



# Sweetspot

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



75604B



999188



754B60



4D4843



CCCCCC



4D4D4D



# Same Dimension

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



75604B



997857



75754B



3B3835



7A3D00



FA7D00



# Inverse Universe

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



4B6075



577899



4B4B75



35383B



003D7A

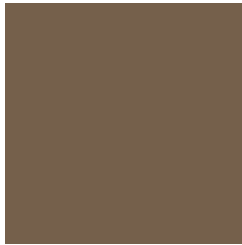


007DFA



# Previews

## White Background



This preview shows how the Hex color 75604B looks on a white background.

## Color Contrast Check

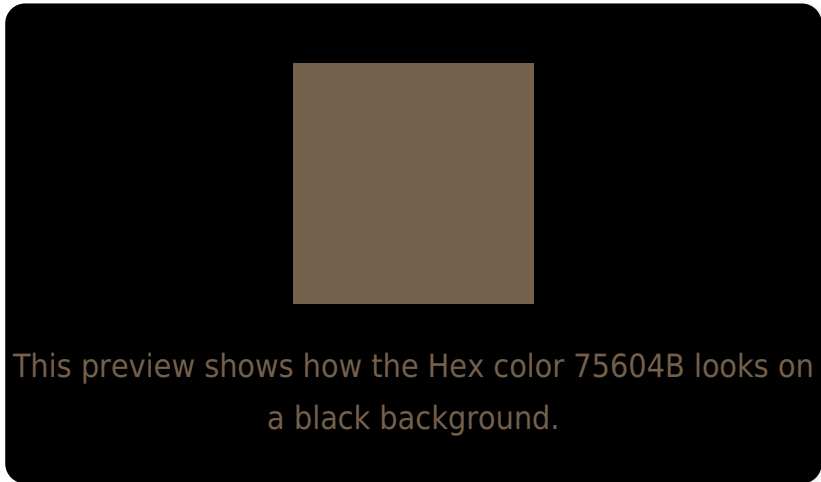
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

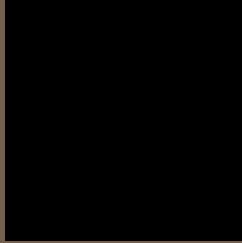
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 75604B Background



This preview shows how black text looks on a background with the Hex color 75604B.



This preview shows how white text looks on a background with the Hex color 75604B.

# 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**  
75604B

**Protanopia**  
6B644D

**Deuteranopia**  
76604B



**Tritanopia**  
785D64

# Trichromacy



**Original Color**  
75604B

**Protanomaly**  
6F634C

**Deuteranomaly**  
76604B

**Tritanomaly**  
775E5B

# Monochromacy



**Original Color**  
75604B

**Achromatopsia**  
646464

**Achromatomaly**  
6A635B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75604B 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 #75604B looks like.

```
.text, #text, p{  
    color:#75604B  
}
```

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 #75604B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75604B  
}
```

## Border

The CSS property to change the border of an element to Hex 75604B 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  
#75604B }
```

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

```
.border{ border-color:#75604B }
```

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

Here you see how a box with a 4 pixel #75604B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75604B; -webkit-box-shadow:4px 4px  
4px 4px #75604B; box-shadow:4px 4px 4px  
4px #75604B }
```

# Background

The CSS property to change the background color of an element to Hex 75604B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75604B }
```

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

```
.background{ background-color:#75604B }
```

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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