

# Converting Colors

Hex(40542C)

Have a look what the booklet for  
Hex(40542C) contains.

<b>Hex(40542C)</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(40542C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	40542C
RGB	64, 84, 44
RGB Percent	25%, 33%, 17%
CMY	0.7490, 0.6706, 0.8275
CMYK	0.24, 0.00, 0.48, 0.67
HSL	90°, 31%, 25%
HSV	90°, 48%, 33%
XYZ	5.7393, 7.6125, 3.5497
YIQ	73.4600, 0.9200, -16.6800

# Conversions

## Conversions Part 2

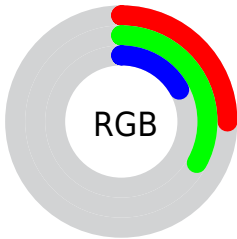
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	44, 84, 64
Decimal	4215852
CIE Lab	33.16, -15.75, 20.87
CIE LCh	33, 26.146, 127.034
Yxy	7.6125, 0.3396, 0.4504
Android (android.graphics.Color)	4282405932 (0xFF40542C)
YUV	73.4600, -14.5238, -8.2964
Hunter-Lab	27.5907, -11.1530, 11.6855

# Details

The Hex color **40542C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **402C54**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **71865A**, and **152700** is the 20% darker color. If you saturate the color by 10%, you get **3C5424**, and if you desaturate by 10%, it is **445434**.

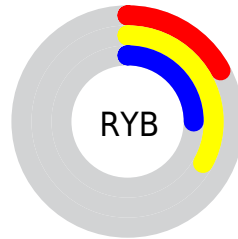
# Distribution



Red (25%)

Green (33%)

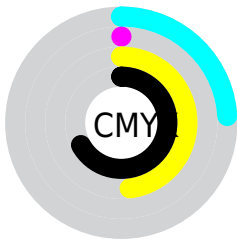
Blue (17%)



Red (17%)

Yellow (33%)

Blue (25%)

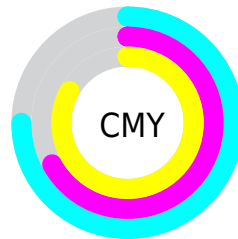


Cyan (24%)

Magenta (0%)

Yellow (48%)

Black (67%)



Cyan (75%)

Magenta (67%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40542C 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 40542C by changing the saturation by 10% instead.





40542C



40542C

FFFFFF



293D16



71865A



152700



8AA073



001300



A5BB8D



000000



C0D7A7



DCF3C3



F9FFDF



FFFFFFB



40542C



40542C

■ 3C5424

■ 445434

■ 38541B

■ 48543D

■ 335413

■ 4D5445

■ 2F540A

■ 51544E

■ 2B5402

■ 555456

■ 2A5400

■ 59545E

■ 5D5467

■ 62546F

■ 665478

# Harmonies

## Analogous

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



564E24



40542C



25573D

# Triad

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



40542C



005474



753D4A

# Complementary

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



40542C



402C54

# 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.



6C405F



40542C



354E77

# Square

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



40542C



005866



56476F



734036

# Rectangle

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



40542C



05594B



56476F



733D51



# Sweetspot

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



40542C



666E5E



54402C



33382F



B8B8B8



383838



# Same Dimension

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



40542C



4E6E2F



2C542C



272925



346900



74E800



# Inverse Universe

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



402C54



4E2F6E



542C54



272529



340069

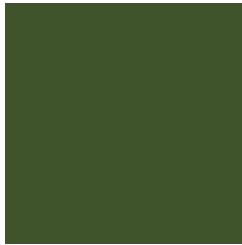


7400E8



# Previews

## White Background



This preview shows how the Hex color 40542C looks on a white background.

## Color Contrast Check

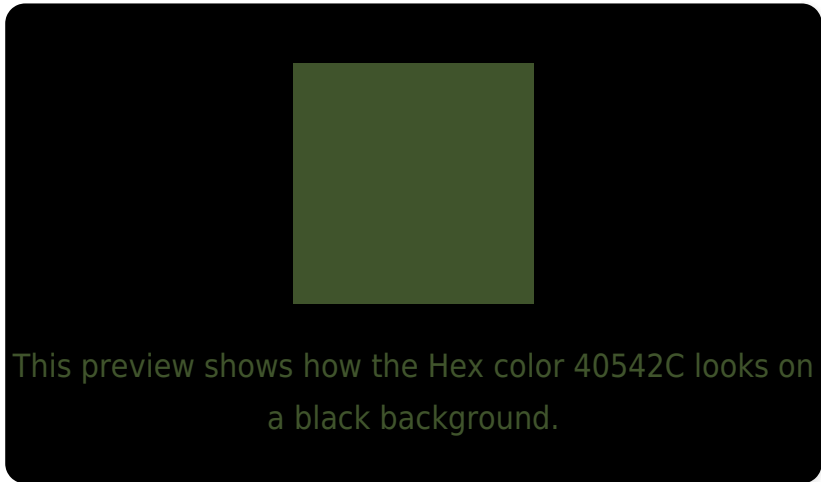
Large Text (above 18pt) WCAG AA ✓ Pass

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

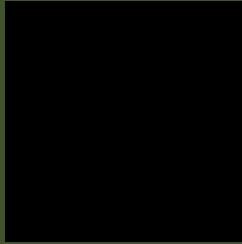
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 40542C Background



This preview shows how black text looks on a background with the Hex color 40542C.



This preview shows how white text looks on a background with the Hex color 40542C.

# 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**  
40542C

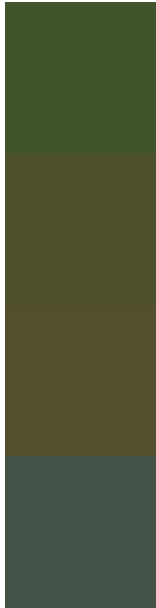
**Protanopia**  
564E2A

**Deuteranopia**  
5E4A2E



**Tritanopia**  
464F56

# Trichromacy



**Original Color**  
40542C

**Protanomaly**  
4E502B

**Deuteranomaly**  
534E2D

**Tritanomaly**  
445147

# Monochromacy



**Original Color**  
40542C

**Achromatopsia**  
494949

**Achromatomaly**  
464D3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40542C 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 #40542C looks like.

```
.text, #text, p{  
    color:#40542C  
}
```

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 #40542C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40542C
}
```

## Border

The CSS property to change the border of an element to Hex 40542C 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".

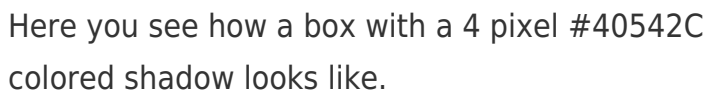
```
.border, #border, table{ border:4px solid
#40542C }
```

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

```
.border{ border-color:#40542C }
```

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

Here you see how a box with a 4 pixel #40542C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40542C; -webkit-box-shadow:4px 4px  
4px 4px #40542C; box-shadow:4px 4px 4px  
4px #40542C }
```

# Background

The CSS property to change the background color of an element to Hex 40542C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40542C }
```

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

```
.background{ background-color:#40542C }
```

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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