

# Converting Colors

Hex(40593E)

Have a look what the booklet for  
Hex(40593E) contains.

<b>Hex(40593E)</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(40593E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40593E
RGB	64, 89, 62
RGB Percent	25%, 35%, 24%
CMY	0.7490, 0.6510, 0.7569
CMYK	0.28, 0.00, 0.30, 0.65
HSL	116°, 18%, 30%
HSV	116°, 30%, 35%
XYZ	6.5562, 8.5825, 5.8685
YIQ	78.4470, -6.2330, -13.6970

# Conversions

## Conversions Part 2

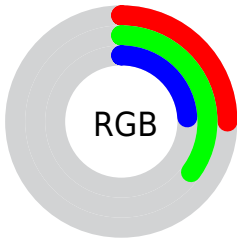
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 89, 87
Decimal	4217150
CIELab	35.17, -15.49, 12.67
CIELCh	35, 20.016, 140.718
Yxy	8.5825, 0.3121, 0.4086
Android (android.graphics.Color)	4282407230 (0xFF40593E)
YUV	78.4470, -8.1084, -12.6700
Hunter-Lab	29.2960, -11.3209, 8.6304

# Details

The Hex color **40593E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **573E59**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **708B6E**, and **142B13** is the 20% darker color. If you saturate the color by 10%, you get **385935**, and if you desaturate by 10%, it is **485947**.

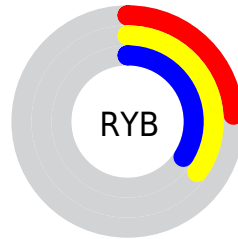
# Distribution



Red (25%)

Green (35%)

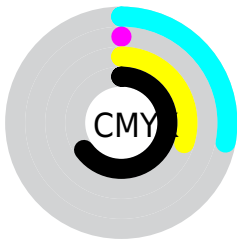
Blue (24%)



Red (24%)

Yellow (35%)

Blue (34%)

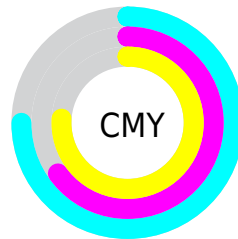


Cyan (28%)

Magenta (0%)

Yellow (30%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40593E 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 40593E by changing the saturation by 10% instead.



■ 40593E

■ 40593E

FFFFFF

■ 294228

■ 708B6E

■ 142B13

■ 8AA687

■ 001800

■ A5C1A1

■ 000000

■ C0DDBC

■ DCF9D8

■ F8FFF5

■ 40593E

■ 40593E

■ 385935

■ 485947

■ 30592C

■ 505950

■ 275923

■ 595959

■ 1F591A

■ 615962

■ 175912

■ 69596A

■ 0F5909

■ 715973

■ 075900

■ 7A597C

■ 825985

■ 8A598E

# Harmonies

## Analogous

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



525534



40593E



2D5B4D

# Triad

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



40593E



355672



724748

# Complementary

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



40593E



573E59

# 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.



6F4758



40593E



4E5070

# Square

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



40593E



1F5A6B



624B67



6E4B3B

# Rectangle

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



40593E



215B58



624B67



72474D



# Sweetspot

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



40593E



697368



59573E



353B34



BABABA



3B3B3B



# Same Dimension

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



40593E



4D7349



3E5949



272B27



086B00



11EB00



# Inverse Universe

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



573E59



704973



593E4E



2B272B



63006B

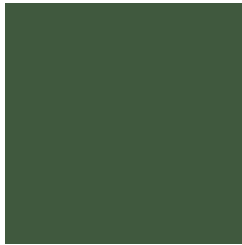


D900EB



# Previews

## White Background



This preview shows how the Hex color 40593E looks on a white background.

## Color Contrast Check

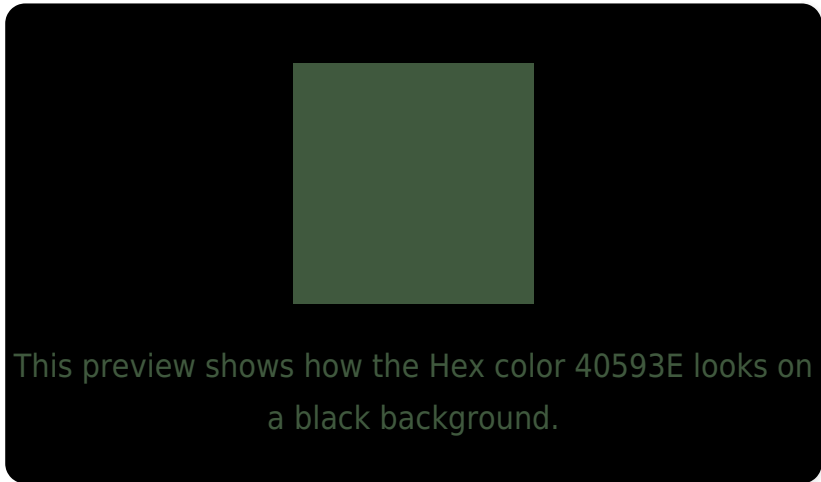
Large Text (above 18pt) WCAG AA ✓ Pass

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

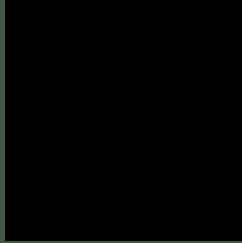
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 40593E Background



This preview shows how black text looks on a background with the Hex color 40593E.



This preview shows how white text looks on a background with the Hex color 40593E.

# 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](#).

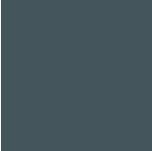
## Dichromacy



**Original Color**  
40593E

**Protanopia**  
59523B

**Deuteranopia**  
614F40



**Tritanopia**  
45555C

# Trichromacy



**Original Color**  
40593E

**Protanomaly**  
50553C

**Deuteranomaly**  
55533F

**Tritanomaly**  
435651

# Monochromacy



**Original Color**  
40593E

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
495248

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40593E 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 #40593E looks like.

```
.text, #text, p{  
    color:#40593E  
}
```

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 #40593E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40593E
}
```

## Border

The CSS property to change the border of an element to Hex 40593E 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".

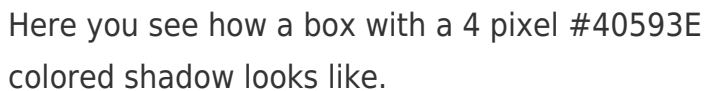
```
.border, #border, table{ border:4px solid
#40593E }
```

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

```
.border{ border-color:#40593E }
```

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

Here you see how a box with a 4 pixel #40593E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40593E; -webkit-box-shadow:4px 4px  
4px 4px #40593E; box-shadow:4px 4px 4px  
4px #40593E }
```

# Background

The CSS property to change the background color of an element to Hex 40593E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40593E }
```

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

```
.background{ background-color:#40593E }
```

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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