

Converting Colors

Hex(37593A)

Have a look what the booklet for
Hex(37593A) contains.

Hex(37593A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(37593A)

Conversions

Conversions Part 1

Format	Color
Hex	37593A
RGB	55, 89, 58
RGB Percent	22%, 35%, 23%
CMY	0.7843, 0.6510, 0.7725
CMYK	0.38, 0.00, 0.35, 0.65
HSL	125°, 24%, 28%
HSV	125°, 38%, 35%
XYZ	5.9116, 8.2625, 5.2862
YIQ	75.3000, -10.3130, -16.8490

Conversions

Conversions Part 2

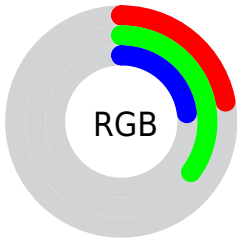
Format	Color
RYB	55, 86, 89
Decimal	3627322
CIELab	34.52, -19.67, 14.15
CIELCh	35, 24.230, 144.273
Yxy	8.2625, 0.3038, 0.4246
Android (android.graphics.Color)	4281817402 (0xFF37593A)
YUV	75.3000, -8.5289, -17.8031
Hunter-Lab	28.7445, -13.5923, 9.2175

Details

The Hex color **37593A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **593756**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **678B69**, and **092B0F** is the 20% darker color. If you saturate the color by 10%, you get **2E5932**, and if you desaturate by 10%, it is **405942**.

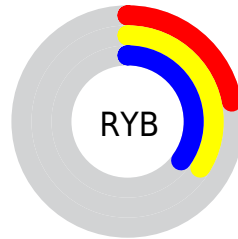
Distribution



 Red (22%)

 Green (35%)

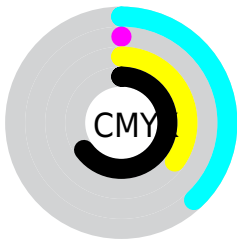
 Blue (23%)




 Red (22%)

 Yellow (34%)

 Blue (35%)

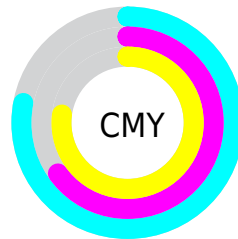


 Cyan (38%)


 Magenta (0%)

 Yellow (35%)

 Black (65%)



 Cyan (78%)

 Magenta (65%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37593A 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 37593A by changing the saturation by 10% instead.

■ 37593A

■ 37593A

FFFFFF

■ 204124

■ 678B69

■ 092B0F

■ 81A683

■ 001800

■ 9BC19D

■ 000000

■ B6DDB8

■ D2F9D3

■ EFFFF0

■ 37593A

■ 37593A

■ 2E5932

■ 405942

■ 25592A

■ 49594A

■ 1C5922

■ 525952

■ 13591A

■ 5B595A

■ 0B5911

■ 635963

■ 025909

■ 6C596B

■ 005908

■ 755973

■ 7E597B

■ 875983

Harmonies

Analogous

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



4E552D



37593A



1B5B4D

Triad

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



37593A



2D5477



764342

Complementary

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



37593A



593756

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.



734256



37593A



4E4E74

Square

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



37593A



005970



664768



6F4833

Rectangle

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



37593A



005B5A



664768



764249

Sweetspot

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



37593A



667367



565937



333B34



BABABA



3B3B3B

Same Dimension

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



37593A



3E7343



37594B



272B27



006B09



00EB15

Inverse Universe

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



593756



733E6E



593745



2B272B



6B0062



EB00D6

Previews

White Background



This preview shows how the Hex color 37593A looks on a white background.

Color Contrast Check

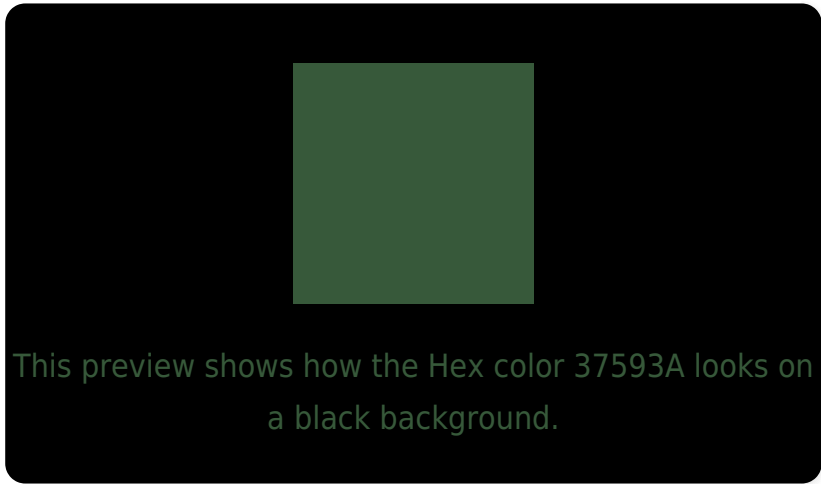
Large Text (above 18pt) WCAG AA ✓ Pass

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

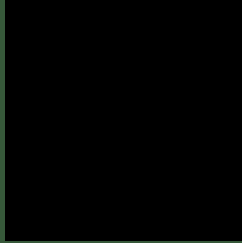
Any Text WCAG AA × Fail

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 37593A Background



This preview shows how black text looks on a background with the Hex color 37593A.



This preview shows how white text looks on a background with the Hex color 37593A.

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](#).

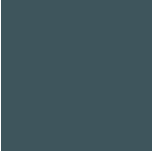
Dichromacy



Original Color
37593A

Protanopia
585137

Deuteranopia
5F4E3D



Tritanopia
3E555C

Trichromacy



Original Color
37593A

Protanomaly
4C5438

Deuteranomaly
50523C

Tritanomaly
3B5650

Monochromacy



Original Color
37593A

Achromatopsia
4B4B4B

Achromatomaly
445045

CSS Examples

Text

The CSS property to change the color of the text to Hex 37593A 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 #37593A looks like.

```
.text, #text, p{  
    color:#37593A  
}
```

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 #37593A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37593A
}
```

Border

The CSS property to change the border of an element to Hex 37593A 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".

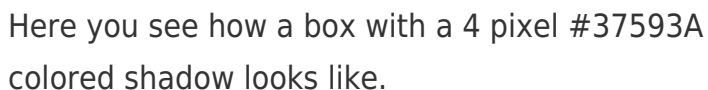
```
.border, #border, table{ border:4px solid
#37593A }
```

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

```
.border{ border-color:#37593A }
```

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

Here you see how a box with a 4 pixel #37593A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37593A; -webkit-box-shadow:4px 4px  
4px 4px #37593A; box-shadow:4px 4px 4px  
4px #37593A }
```

Background

The CSS property to change the background color of an element to Hex 37593A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37593A }
```

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

```
.background{ background-color:#37593A }
```

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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