

Converting Colors

Hex(37603F)

Have a look what the booklet for
Hex(37603F) contains.

Hex(37603F)	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(37603F)

Conversions

Conversions Part 1

Format	Color
Hex	37603F
RGB	55, 96, 63
RGB Percent	22%, 38%, 25%
CMY	0.7843, 0.6235, 0.7529
CMYK	0.43, 0.00, 0.34, 0.62
HSL	132°, 27%, 30%
HSV	132°, 43%, 38%
XYZ	6.6556, 9.5368, 6.1926
YIQ	79.9790, -13.8430, -18.9550

Conversions

Conversions Part 2

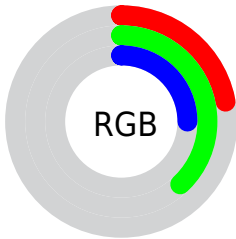
Format	Color
RYB	55, 89, 96
Decimal	3629119
CIELab	37.00, -22.35, 14.46
CIELCh	37, 26.622, 147.095
Yxy	9.5368, 0.2973, 0.4260
Android (android.graphics.Color)	4281819199 (0xFF37603F)
YUV	79.9790, -8.3706, -21.9066
Hunter-Lab	30.8818, -15.5729, 9.7280

Details

The Hex color **37603F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **603758**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **68936F**, and **063114** is the 20% darker color. If you saturate the color by 10%, you get **2D6037**, and if you desaturate by 10%, it is **416047**.

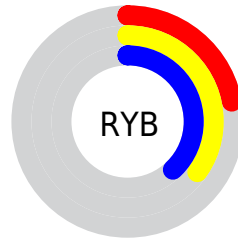
Distribution



Red (22%)

Green (38%)

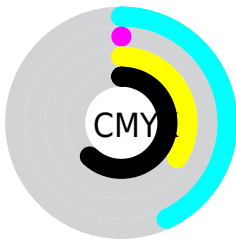
Blue (25%)



Red (22%)

Yellow (35%)

Blue (38%)

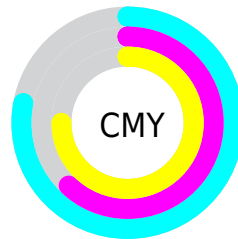


Cyan (43%)

Magenta (0%)

Yellow (34%)

Black (62%)



Cyan (78%)

Magenta (62%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37603F 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 37603F by changing the saturation by 10% instead.

 37603F

 37603F

FFFFFF

 1F4829

 68936F

 063114

 82AE88

 001E00

 9CC9A3

 000000

 B7E5BE

 D3FFDA

 F0FFF6

 37603F

 37603F

 2D6037

 416047

■ 246030

■ 4A604E

■ 1A6028

■ 546056

■ 116020

■ 5D605E

■ 076018

■ 676066

■ 006013

■ 71606D

■ 7A6075

■ 84607D

■ 8D6085

Harmonies

Analogous

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



515C30



37603F



136254

Triad

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



37603F



315A82



804745

Complementary

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



37603F



603758

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.



7E465A



37603F



56527D

Square

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



37603F



005F7A



704A6F



774D34

Rectangle

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



37603F



006263



704A6F



80464C

Sweetspot

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



37603F



6D7D70



586037



364038



BFBFBF



404040

Same Dimension

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



37603F



3D7D4A



376053



2C302D



007016



00F02F

Inverse Universe

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



603758



7D3D71



603744



302C30



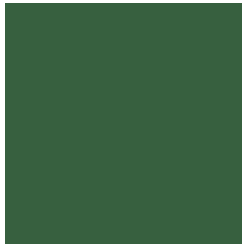
70005A



F000C1

Previews

White Background



This preview shows how the Hex color 37603F looks on a white background.

Color Contrast Check

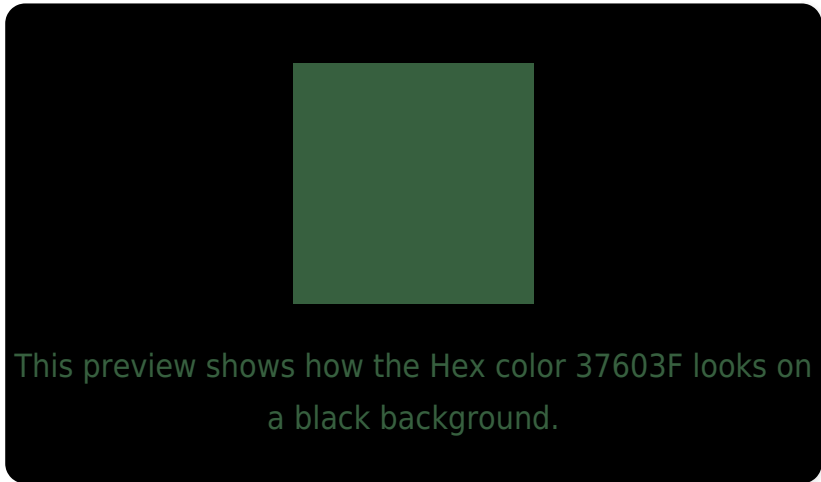
Large Text (above 18pt) WCAG AA ✓ Pass

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

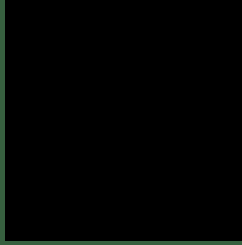
Any Text WCAG AA × Fail

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 37603F Background



This preview shows how black text looks on a background with the Hex color 37603F.



This preview shows how white text looks on a background with the Hex color 37603F.

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
37603F

Protanopia
5E573B

Deuteranopia
665342



Tritanopia
3F5C63

Trichromacy



Original Color
37603F

Protanomaly
505A3C

Deuteranomaly
555841

Tritanomaly
3C5D56

Monochromacy



Original Color
37603F

Achromatopsia
505050

Achromatomaly
47564A

CSS Examples

Text

The CSS property to change the color of the text to Hex 37603F 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 #37603F looks like.

```
.text, #text, p{  
    color:#37603F  
}
```

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 #37603F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37603F
}
```

Border

The CSS property to change the border of an element to Hex 37603F 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
#37603F }
```

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

```
.border{ border-color:#37603F }
```

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

Here you see how a box with a 4 pixel #37603F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37603F; -webkit-box-shadow:4px 4px  
4px 4px #37603F; box-shadow:4px 4px 4px  
4px #37603F }
```

Background

The CSS property to change the background color of an element to Hex 37603F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37603F }
```

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

```
.background{ background-color:#37603F }
```

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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