

Converting Colors

Hex(48613F)

Have a look what the booklet for
Hex(48613F) contains.

Hex(48613F)	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(48613F)

Conversions

Conversions Part 1

Format	Color
Hex	48613F
RGB	72, 97, 63
RGB Percent	28%, 38%, 25%
CMY	0.7176, 0.6196, 0.7529
CMYK	0.26, 0.00, 0.35, 0.62
HSL	104°, 21%, 31%
HSV	104°, 35%, 38%
XYZ	7.8444, 10.2860, 6.2746
YIQ	85.6490, -3.9860, -15.8740

Conversions

Conversions Part 2

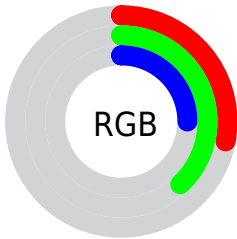
Format	Color
RYB	63, 97, 88
Decimal	4743487
CIELab	38.35, -16.58, 16.46
CIELCh	38, 23.360, 135.210
Yxy	10.2860, 0.3214, 0.4215
Android (android.graphics.Color)	4282933567 (0xFF48613F)
YUV	85.6490, -11.1660, -11.9702
Hunter-Lab	32.0718, -12.4666, 10.8506

Details

The Hex color **48613F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **583F61**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **79946F**, and **1B3214** is the 20% darker color. If you saturate the color by 10%, you get **416135**, and if you desaturate by 10%, it is **4F6149**.

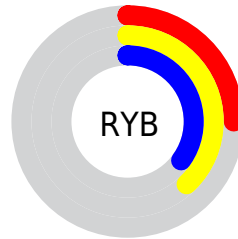
Distribution



Red (28%)

Green (38%)

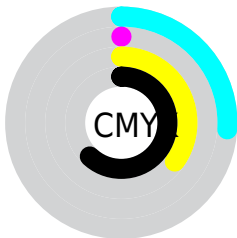
Blue (25%)



Red (25%)

Yellow (38%)

Blue (35%)

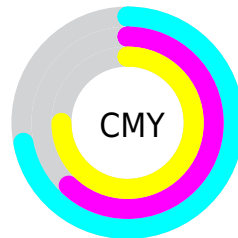


Cyan (26%)

Magenta (0%)

Yellow (35%)

Black (62%)



Cyan (72%)

Magenta (62%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48613F 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 48613F by changing the saturation by 10% instead.



48613F



48613F

FFFFFF



314929



79946F



1B3214



93AE88



041E00



AECAA3



000000



CAE6BE



E6FFDA



FFFFF6



48613F



48613F



416135



4F6149

■ 3A612C

■ 566152

■ 336122

■ 5D615C

■ 2B6118

■ 656166

■ 24610F

■ 6C6170

■ 1D6105

■ 736179

■ 1A6100

■ 7A6183

■ 81618D

■ 886196

Harmonies

Analogous

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



5D5C35



48613F



306450

Triad

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



48613F



2F5F7E



7F4C51

Complementary

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



48613F



583F61

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.



794D64



48613F



4F597F

Square

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



48613F



116375



695275



7B5040

Rectangle

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



48613F



1F645D



695275



7F4C58

Sweetspot

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



48613F



737D6F



61583F



3A4037



BFBFBF



404040

Same Dimension

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



48613F



567D48



3F6147



2D302C



1E7000



3FF000

Inverse Universe

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



583F61



6F487D



613F59



2F2C30



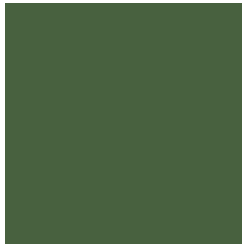
530070



B000F0

Previews

White Background



This preview shows how the Hex color 48613F looks on a white background.

Color Contrast Check

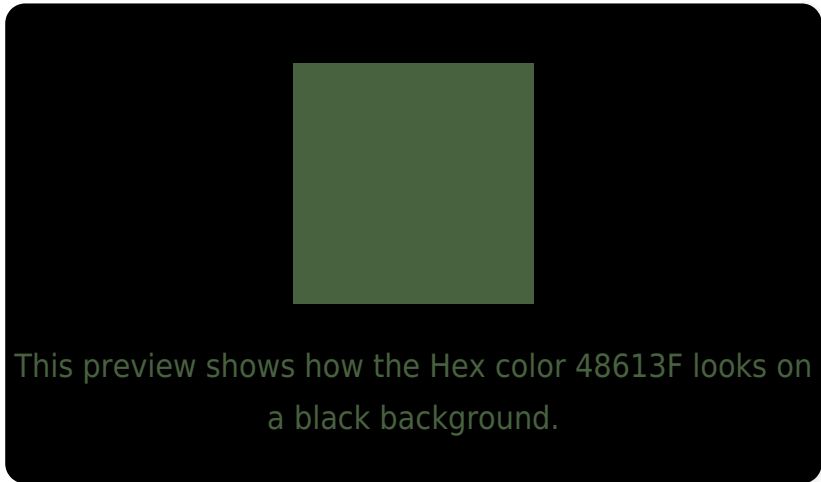
Large Text (above 18pt) WCAG AA ✓ Pass

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

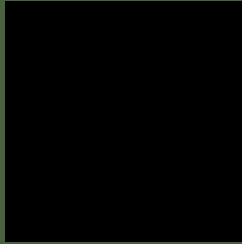
Any Text WCAG AA × Fail

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 48613F Background



This preview shows how black text looks on a background with the Hex color 48613F.



This preview shows how white text looks on a background with the Hex color 48613F.

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](#).

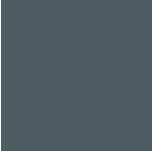
Dichromacy



Original Color
48613F

Protanopia
625A3C

Deuteranopia
6B5641



Tritanopia
4E5C64

Trichromacy



Original Color
48613F

Protanomaly
595D3D

Deuteranomaly
5E5A40

Tritanomaly
4C5E57

Monochromacy



Original Color
48613F

Achromatopsia
565656

Achromatomaly
515A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 48613F 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 #48613F looks like.

```
.text, #text, p{  
    color:#48613F  
}
```

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 #48613F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48613F
}
```

Border

The CSS property to change the border of an element to Hex 48613F 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".

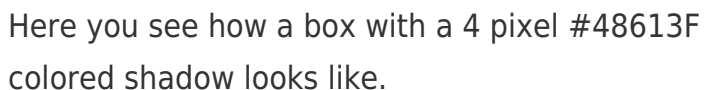
```
.border, #border, table{ border:4px solid
#48613F }
```

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

```
.border{ border-color:#48613F }
```

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

Here you see how a box with a 4 pixel #48613F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48613F; -webkit-box-shadow:4px 4px  
4px 4px #48613F; box-shadow:4px 4px 4px  
4px #48613F }
```

Background

The CSS property to change the background color of an element to Hex 48613F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48613F }
```

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

```
.background{ background-color:#48613F }
```

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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