

Converting Colors

Hex(3B613F)

Have a look what the booklet for
Hex(3B613F) contains.

Hex(3B613F)	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(3B613F)

Conversions

Conversions Part 1

Format	Color
Hex	3B613F
RGB	59, 97, 63
RGB Percent	23%, 38%, 25%
CMY	0.7686, 0.6196, 0.7529
CMYK	0.39, 0.00, 0.35, 0.62
HSL	126°, 24%, 31%
HSV	126°, 39%, 38%
XYZ	6.9755, 9.8381, 6.2339
YIQ	81.7620, -11.7340, -18.6300

Conversions

Conversions Part 2

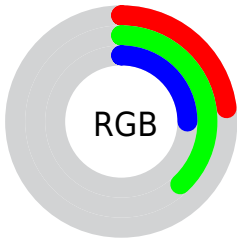
Format	Color
RYB	59, 93, 97
Decimal	3891519
CIELab	37.55, -21.48, 15.24
CIElCh	38, 26.341, 144.639
Yxy	9.8381, 0.3027, 0.4269
Android (android.graphics.Color)	4282081599 (0xFF3B613F)
YUV	81.7620, -9.2497, -19.9623
Hunter-Lab	31.3657, -15.1927, 10.1721

Details

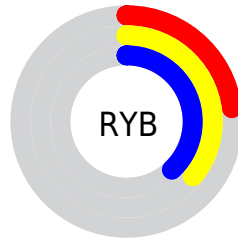
The Hex color **3B613F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **613B5D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6C946F**, and **0C3214** is the 20% darker color. If you saturate the color by 10%, you get **316136**, and if you desaturate by 10%, it is **456148**.

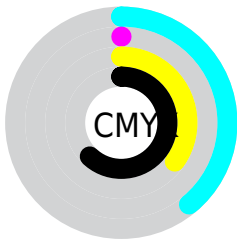
Distribution



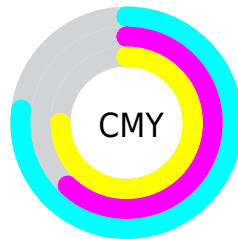
- Red (23%)
- Green (38%)
- Blue (25%)



- Red (23%)
- Yellow (36%)
- Blue (38%)



- Cyan (39%)
- Magenta (0%)
- Yellow (35%)
- Black (62%)



- Cyan (77%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B613F 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 3B613F by changing the saturation by 10% instead.

 3B613F

 3B613F

FFFFFF

 244929

 6C946F

 0C3214

 86AF88

 001E00

 A0CAA3

 000000


 BCE6BE

 D8FFDA

 F4FFF6

 3B613F

 3B613F

 316136

 456148

■ 28612E

■ 4E6150

■ 1E6125

■ 586159

■ 14611C

■ 626162

■ 0A6114

■ 6C616A

■ 01610B

■ 756173

■ 00610A

■ 7F617C

■ 896184

■ 92618D

Harmonies

Analogous

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



545C31



3B613F



1A6354

Triad

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



3B613F



305C82



814948

Complementary

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



3B613F



613B5D

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.



7E485D



3B613F



55547F

Square

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



3B613F



00617A



6F4D71



794E36

Rectangle

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



3B613F



006462



6F4D71



81484F

Sweetspot

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



3B613F



6E7D70



5D613B



374038



BFBFBF



404040

Same Dimension

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



3B613F



427D48



3B6152



2C302C



00700C



00F019

Inverse Universe

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



613B5D



7D4277



613B4A



302C30



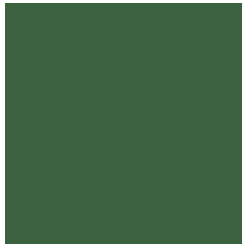
700064



F000D6

Previews

White Background



This preview shows how the Hex color 3B613F looks on a white background.

Color Contrast Check

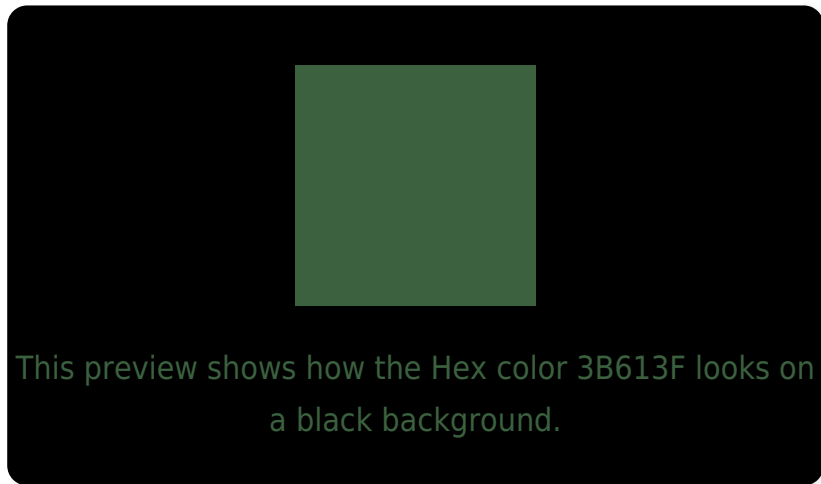
Large Text (above 18pt) WCAG AA ✓ Pass

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

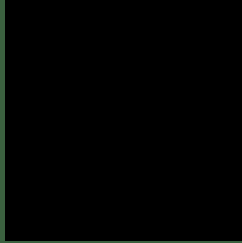
Any Text WCAG AA × Fail

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 3B613F Background



This preview shows how black text looks on a background with the Hex color 3B613F.



This preview shows how white text looks on a background with the Hex color 3B613F.

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
3B613F

Protanopia
5F583B

Deuteranopia
685442



Tritanopia
425C64

Trichromacy



Original Color
3B613F

Protanomaly
525B3C

Deuteranomaly
585941

Tritanomaly
3F5E57

Monochromacy



Original Color
3B613F

Achromatopsia
525252

Achromatomaly
4A574B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B613F 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 #3B613F looks like.

```
.text, #text, p{  
    color:#3B613F  
}
```

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 #3B613F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B613F
}
```

Border

The CSS property to change the border of an element to Hex 3B613F 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
#3B613F }
```

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

```
.border{ border-color:#3B613F }
```

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

Here you see how a box with a 4 pixel #3B613F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B613F; -webkit-box-shadow:4px 4px  
4px 4px #3B613F; box-shadow:4px 4px 4px  
4px #3B613F }
```

Background

The CSS property to change the background color of an element to Hex 3B613F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B613F }
```

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

```
.background{ background-color:#3B613F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor