

Converting Colors

Hex(38614F)

Have a look what the booklet for
Hex(38614F) contains.

Hex(38614F)	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(38614F)

Conversions

Conversions Part 1

Format	Color
Hex	38614F
RGB	56, 97, 79
RGB Percent	22%, 38%, 31%
CMY	0.7804, 0.6196, 0.6902
CMYK	0.42, 0.00, 0.19, 0.62
HSL	154°, 27%, 30%
HSV	154°, 42%, 38%
XYZ	7.3169, 9.9547, 8.9329
YIQ	82.6890, -18.6580, -14.2900

Conversions

Conversions Part 2

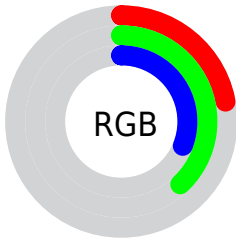
Format	Color
R_{YB}	56, 82, 97
Decimal	3694927
CIE Lab	37.76, -19.03, 5.79
CIE LCh	38, 19.890, 163.085
Yxy	9.9547, 0.2792, 0.3799
Android (android.graphics.Color)	4281885007 (0xFF38614F)
YUV	82.6890, -1.8187, -23.4063
Hunter-Lab	31.5510, -13.8190, 5.2991

Details

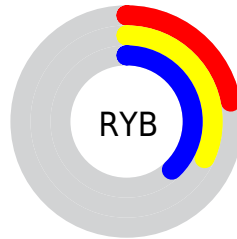
The Hex color **38614F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61384A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **699480**, and **073223** is the 20% darker color. If you saturate the color by 10%, you get **2E614B**, and if you desaturate by 10%, it is **426153**.

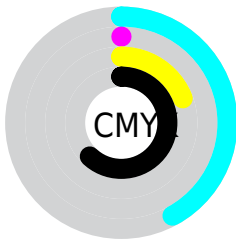
Distribution



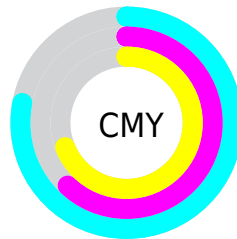
- Red (22%)
- Green (38%)
- Blue (31%)



- Red (22%)
- Yellow (32%)
- Blue (38%)



- Cyan (42%)
- Magenta (0%)
- Yellow (19%)
- Black (62%)



- Cyan (78%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38614F 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 38614F by changing the saturation by 10% instead.

 38614F

 38614F

FFFFFF

 204938

 699480

 073223

 83AF9A

 001E0D

 9DCAB5

 000000

 B9E6D0

 D5FFED

 F1FFFF

 38614F

 38614F

 2E614B

 426153

■ 256146

■ 4B6158

■ 1B6142

■ 55615C

■ 11613E

■ 5F6160

■ 07613A

■ 686164

■ 006136

■ 726169

■ 7C616D

■ 866171

■ 8F6175

Harmonies

Analogous

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



4B5E41



38614F



276260

Triad

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



38614F



4E5878



765044

Complementary

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



38614F



61384A

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.



794D52



38614F



645270

Square

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



38614F



365D77



734E63



6C553A

Rectangle

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



38614F



23616A



734E63



784E48

Sweetspot

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



38614F



6D7D76



4A6138



36403B



BFBFBF



404040

Same Dimension

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



38614F



3D7D61



385F61



2C302E



00703F



00F086

Inverse Universe

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



61384A



7D3D59



613A38



302C2E



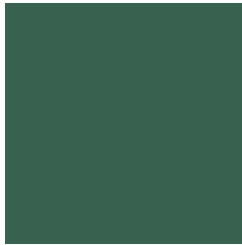
700031



F00069

Previews

White Background



This preview shows how the Hex color 38614F looks on a white background.

Color Contrast Check

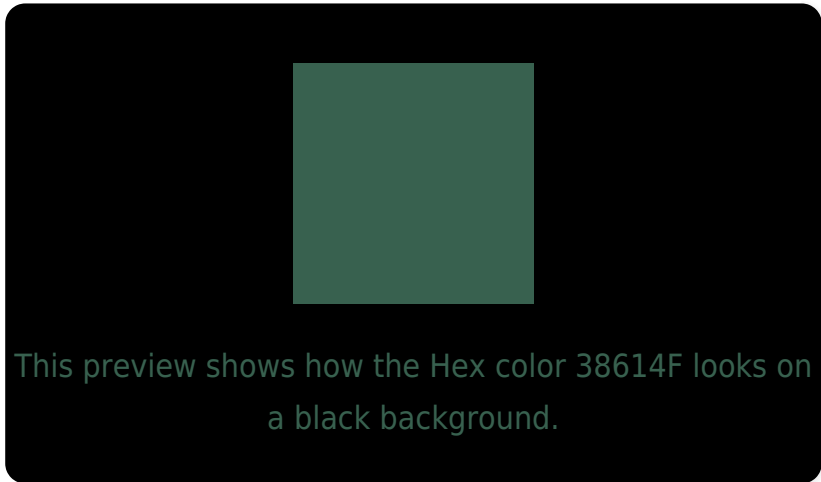
Large Text (above 18pt) WCAG AA ✓ Pass

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

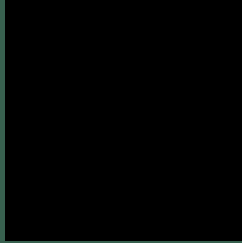
Any Text WCAG AA × Fail

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 38614F Background



This preview shows how black text looks on a background with the Hex color 38614F.



This preview shows how white text looks on a background with the Hex color 38614F.

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
38614F

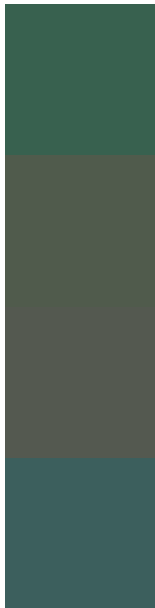
Protanopia
5D584B

Deuteranopia
645551



Tritanopia
3E5E65

Trichromacy



Original Color
38614F

Protanomaly
505B4C

Deuteranomaly
545950

Tritanomaly
3C5F5D

Monochromacy



Original Color
38614F

Achromatopsia
535353

Achromatomaly
495852

CSS Examples

Text

The CSS property to change the color of the text to Hex 38614F 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 #38614F looks like.

```
.text, #text, p{  
    color:#38614F  
}
```

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 #38614F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38614F
}
```

Border

The CSS property to change the border of an element to Hex 38614F 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
#38614F }
```

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

```
.border{ border-color:#38614F }
```

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

Here you see how a box with a 4 pixel #38614F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38614F; -webkit-box-shadow:4px 4px  
4px 4px #38614F; box-shadow:4px 4px 4px  
4px #38614F }
```

Background

The CSS property to change the background color of an element to Hex 38614F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38614F }
```

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

```
.background{ background-color:#38614F }
```

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