

Converting Colors

Hex(394F51)

Have a look what the booklet for
Hex(394F51) contains.

Hex(394F51)	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(394F51)

Conversions

Conversions Part 1

Format	Color
Hex	394F51
RGB	57, 79, 81
RGB Percent	22%, 31%, 32%
CMY	0.7765, 0.6902, 0.6824
CMYK	0.30, 0.02, 0.00, 0.68
HSL	185°, 17%, 27%
HSV	185°, 30%, 32%
XYZ	5.9685, 7.0559, 8.8319
YIQ	72.6500, -13.7540, -4.0420

Conversions

Conversions Part 2

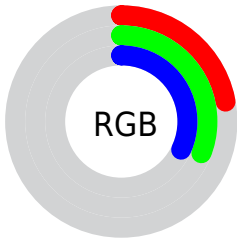
Format	Color
RYB	57, 68, 81
Decimal	3755857
CIELab	31.93, -7.87, -3.93
CIELCh	32, 8.801, 206.530
Yxy	7.0559, 0.2731, 0.3228
Android (android.graphics.Color)	4281945937 (0xFF394F51)
YUV	72.6500, 4.1166, -13.7250
Hunter-Lab	26.5629, -6.3773, -1.1193

Details

The Hex color **394F51** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **513B39**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **698082**, and **0D2325** is the 20% darker color. If you saturate the color by 10%, you get **314E51**, and if you desaturate by 10%, it is **415051**.

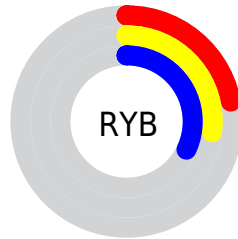
Distribution



Red (22%)

Green (31%)

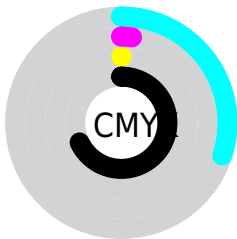
Blue (32%)



Red (22%)

Yellow (27%)

Blue (32%)

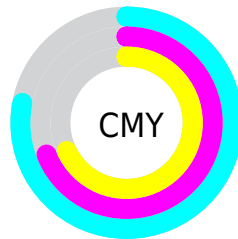


Cyan (30%)

Magenta (2%)

Yellow (0%)

Black (68%)



Cyan (78%)

Magenta (69%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 394F51 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 394F51 by changing the saturation by 10% instead.

■ 394F51

■ 394F51

FFFFFF

■ 23383A

■ 698082

■ 0D2325

■ 829A9C

■ 000D0F

■ 9DB5B7

■ 000000

■ B8D1D3

■ D3EDEF

■ F0FFFF

■ 394F51

■ 394F51

■ 314E51

■ 415051

■ 294E51

■ 495051

■ 214D51

■ 515151

■ 194C51

■ 595251

■ 114C51

■ 625251

■ 084B51

■ 6A5351

■ 004A51

■ 725451

■ 7A5451

■ 825551

Harmonies

Analogous

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



3C4F4A



394F51



3C4E56

Triad

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



394F51



534853



514A3D

Complementary

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



394F51



513B39

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.



574840



394F51



58464C

Square

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



394F51



4B4A57



5A4745



4A4D3F

Rectangle

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



394F51



404D58



5A4745



544A3E

Sweetspot

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



394F51



5F6869



39513B



303536



B5B5B5



363636

Same Dimension

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



394F51



436569



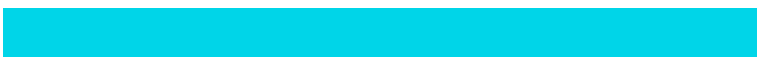
394351



252829



006069



00D5E8

Inverse Universe

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



51394F



694365



514739



292528



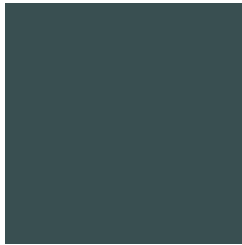
690060



E800D5

Previews

White Background



This preview shows how the Hex color 394F51 looks on a white background.

Color Contrast Check

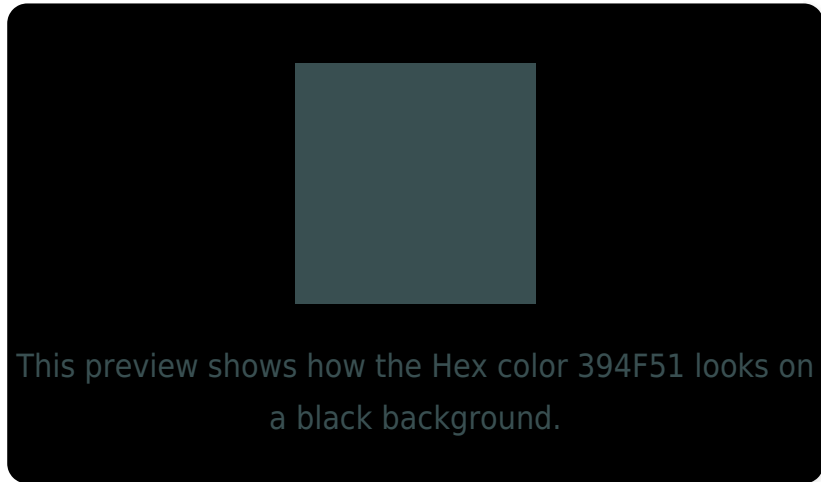
Large Text (above 18pt) WCAG AA ✓ Pass

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

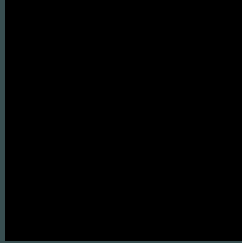
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

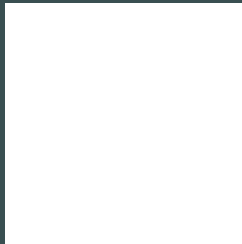
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 394F51 Background



This preview shows how black text looks on a background with the Hex color 394F51.



This preview shows how white text looks on a background with the Hex color 394F51.

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](#).

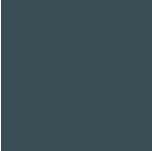
Dichromacy



Original Color
394F51

Protanopia
4B4A4E

Deuteranopia
4F4952



Tritanopia
3A4E55

Trichromacy



Original Color

394F51

Protanomaly

444C4F

Deuteranomaly

474B52

Tritanomaly

3A4E54

Monochromacy



Original Color

394F51

Achromatopsia

494949

Achromatomaly

434B4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 394F51 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 #394F51 looks like.

```
.text, #text, p{  
    color:#394F51  
}
```

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 #394F51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #394F51
}
```

Border

The CSS property to change the border of an element to Hex 394F51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

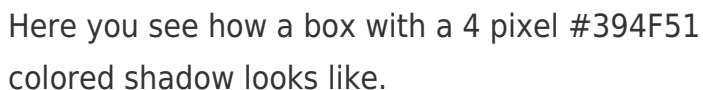
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#394F51 }
```

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

```
.border{ border-color:#394F51 }
```

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



Here you see how a box with a 4 pixel #394F51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #394F51; -webkit-box-shadow:4px 4px  
4px 4px #394F51; box-shadow:4px 4px 4px  
4px #394F51 }
```

Background

The CSS property to change the background color of an element to Hex 394F51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#394F51 }
```

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

```
.background{ background-color:#394F51 }
```

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