

Converting Colors

Hex(395F4E)

Have a look what the booklet for
Hex(395F4E) contains.

Hex(395F4E)	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(395F4E)

Conversions

Conversions Part 1

Format	Color
Hex	395F4E
RGB	57, 95, 78
RGB Percent	22%, 37%, 31%
CMY	0.7765, 0.6275, 0.6941
CMYK	0.40, 0.00, 0.18, 0.63
HSL	153°, 25%, 30%
HSV	153°, 40%, 37%
XYZ	7.1547, 9.6043, 8.6845
YIQ	81.7000, -17.1910, -13.3430

Conversions

Conversions Part 2

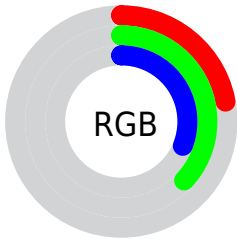
Format	Color
RYB	57, 81, 95
Decimal	3759950
CIELab	37.12, -17.86, 5.50
CIELCh	37, 18.689, 162.885
Yxy	9.6043, 0.2812, 0.3775
Android (android.graphics.Color)	4281950030 (0xFF395F4E)
YUV	81.7000, -1.8241, -21.6619
Hunter-Lab	30.9909, -13.0246, 5.0790

Details

The Hex color **395F4E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F394A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6A927F**, and **0A3022** is the 20% darker color. If you saturate the color by 10%, you get **305F4A**, and if you desaturate by 10%, it is **435F52**.

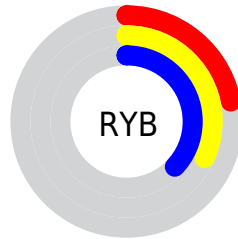
Distribution



Red (22%)

Green (37%)

Blue (31%)



Red (22%)

Yellow (32%)

Blue (37%)

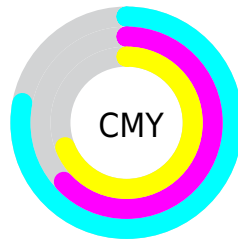


Cyan (40%)

Magenta (0%)

Yellow (18%)

Black (63%)



Cyan (78%)

Magenta (63%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 395F4E 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 395F4E by changing the saturation by 10% instead.



395F4E



395F4E

FFFFFF



224737



6A927F



0A3022



84AC99



001D0C



9EC8B4



000000



B9E4CF



D5FFE8



F2FFFF



395F4E



395F4E



305F4A



435F52

■ 265F45

■ 4C5F56

■ 1D5F41

■ 565F5B

■ 135F3D

■ 5F5F5F

■ 095F39

■ 695F63

■ 005F34

■ 725F68

■ 7C5F6C

■ 855F70

■ 8F5F74

Harmonies

Analogous

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



4B5D41



395F4E



2A605E

Triad

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



395F4E



4D5774



734F44

Complementary

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



395F4E



5F394A

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.



754C51



395F4E



62516D

Square

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



395F4E



375B74



704D61



6A533B

Rectangle

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



395F4E



275F67



704D61



754E48

Sweetspot

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



395F4E



6C7A74



4A5F39



353D39



BDBDBD



3D3D3D

Same Dimension

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



395F4E



407A60



395D5F



2C302E



00703E



00F084

Inverse Universe

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



5F394A



7A405A



5F3B39



302C2E



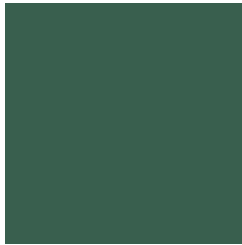
700032



F0006B

Previews

White Background



This preview shows how the Hex color 395F4E looks on a white background.

Color Contrast Check

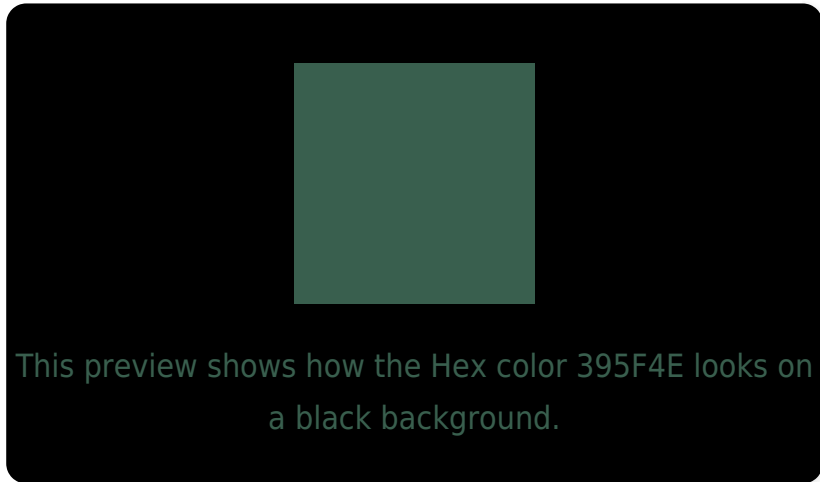
Large Text (above 18pt) WCAG AA ✓ Pass

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

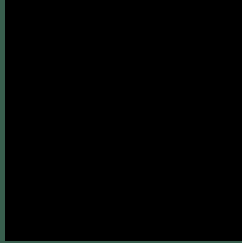
Any Text WCAG AA × Fail

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 395F4E Background



This preview shows how black text looks on a background with the Hex color 395F4E.



This preview shows how white text looks on a background with the Hex color 395F4E.

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
395F4E

Protanopia
5C574A

Deuteranopia
625450



Tritanopia
3E5C63

Trichromacy



Original Color
395F4E

Protanomaly
4F5A4B

Deuteranomaly
53584F

Tritanomaly
3C5D5B

Monochromacy



Original Color
395F4E

Achromatopsia
525252

Achromatomaly
495751

CSS Examples

Text

The CSS property to change the color of the text to Hex 395F4E 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 #395F4E looks like.

```
.text, #text, p{  
    color:#395F4E  
}
```

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 #395F4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395F4E
}
```

Border

The CSS property to change the border of an element to Hex 395F4E 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".

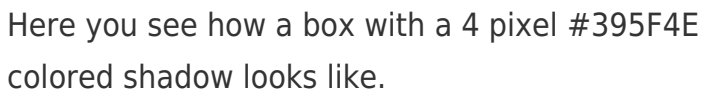
```
.border, #border, table{ border:4px solid
#395F4E }
```

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

```
.border{ border-color:#395F4E }
```

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

Here you see how a box with a 4 pixel #395F4E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395F4E; -webkit-box-shadow:4px 4px  
4px 4px #395F4E; box-shadow:4px 4px 4px  
4px #395F4E }
```

Background

The CSS property to change the background color of an element to Hex 395F4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395F4E }
```

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

```
.background{ background-color:#395F4E }
```

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