

# Converting Colors

Hex(395A3E)

Have a look what the booklet for  
Hex(395A3E) contains.

<b>Hex(395A3E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(395A3E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	395A3E
RGB	57, 90, 62
RGB Percent	22%, 35%, 24%
CMY	0.7765, 0.6471, 0.7569
CMYK	0.37, 0.00, 0.31, 0.65
HSL	129°, 22%, 29%
HSV	129°, 37%, 35%
XYZ	6.2130, 8.5300, 5.8764
YIQ	76.9410, -10.6800, -15.7040

# Conversions

## Conversions Part 2

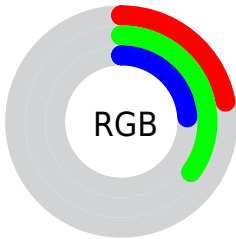
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 86, 90
Decimal	3758654
CIELab	35.06, -18.68, 12.46
CIElCh	35, 22.458, 146.306
Yxy	8.5300, 0.3013, 0.4137
Android (android.graphics.Color)	4281948734 (0xFF395A3E)
YUV	76.9410, -7.3659, -17.4883
Hunter-Lab	29.2061, -13.1385, 8.5149

# Details

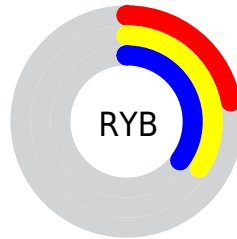
The Hex color **395A3E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A3955**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **698C6E**, and **0B2C13** is the 20% darker color. If you saturate the color by 10%, you get **305A36**, and if you desaturate by 10%, it is **425A46**.

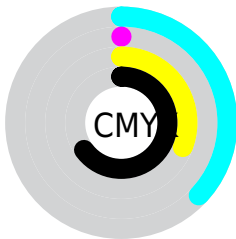
# Distribution



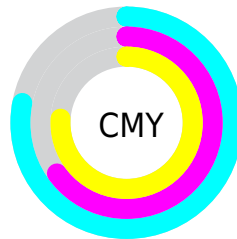
- Red (22%)
- Green (35%)
- Blue (24%)



- Red (22%)
- Yellow (34%)
- Blue (35%)



- Cyan (37%)
- Magenta (0%)
- Yellow (31%)
- Black (65%)



- Cyan (78%)
- Magenta (65%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 395A3E 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 395A3E by changing the saturation by 10% instead.



 395A3E

 395A3E

FFFFFF

 224228

 698C6E

 0B2C13

 83A787

 001900

 9DC2A1

 000000

 B8DEBC

 D4FBD8

 F1FFF5

 395A3E

 395A3E

 305A36

 425A46

■ 275A2F

■ 4B5A4D

■ 1E5A27

■ 545A55

■ 155A1F

■ 5D5A5D

■ 0C5A18

■ 665A64

■ 035A10

■ 6F5A6C

■ 005A0E

■ 785A73

■ 815A7B

■ 8A5A83

# Harmonies

## Analogous

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



4E5632



395A3E



215C50

# Triad

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



395A3E



355576



754644

# Complementary

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



395A3E



5A3955

# 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.



734555



395A3E



514F72

# Square

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



395A3E



145970



674867



6E4A35

# Rectangle

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



395A3E



0F5C5C



674867



764549



# Sweetspot

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



395A3E



68756A



555A39



333B34



BABABA



3B3B3B



# Same Dimension

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



395A3E



42754A



395A4E



292E2A



006E11



00ED24



# Inverse Universe

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



5A3955



75426D



5A3945



2E292D



6E005D

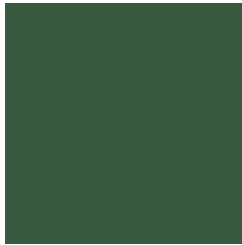


ED00C9



# Previews

## White Background



This preview shows how the Hex color 395A3E looks on a white background.

## Color Contrast Check

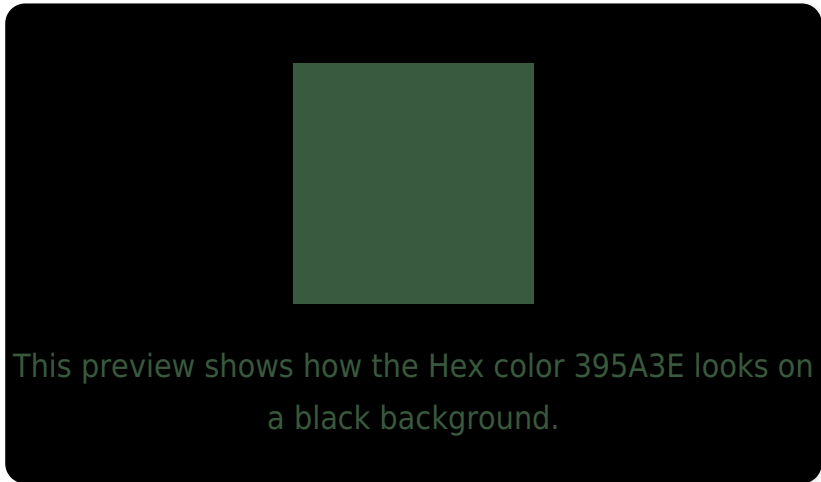
Large Text (above 18pt) WCAG AA ✓ Pass

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

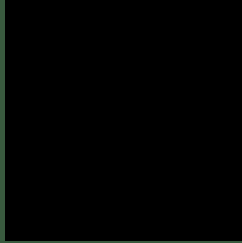
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 395A3E Background



This preview shows how black text looks on a background with the Hex color 395A3E.



This preview shows how white text looks on a background with the Hex color 395A3E.

# 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](#).

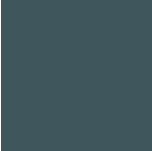
## Dichromacy



**Original Color**  
395A3E

**Protanopia**  
59523B

**Deuteranopia**  
604F40



**Tritanopia**  
3F565D

# Trichromacy



**Original Color**  
395A3E

**Protanomaly**  
4D553C

**Deuteranomaly**  
52533F

**Tritanomaly**  
3D5752

# Monochromacy



**Original Color**  
395A3E

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
465248

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 395A3E 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 #395A3E looks like.

```
.text, #text, p{  
    color:#395A3E  
}
```

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 #395A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395A3E
}
```

## Border

The CSS property to change the border of an element to Hex 395A3E 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
#395A3E }
```

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

```
.border{ border-color:#395A3E }
```

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

Here you see how a box with a 4 pixel #395A3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395A3E; -webkit-box-shadow:4px 4px  
4px 4px #395A3E; box-shadow:4px 4px 4px  
4px #395A3E }
```

# Background

The CSS property to change the background color of an element to Hex 395A3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395A3E }
```

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

```
.background{ background-color:#395A3E }
```

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