

Converting Colors

Hex(395E50)

Have a look what the booklet for
Hex(395E50) contains.

Hex(395E50)	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(395E50)

Conversions

Conversions Part 1

Format	Color
Hex	395E50
RGB	57, 94, 80
RGB Percent	22%, 37%, 31%
CMY	0.7765, 0.6314, 0.6863
CMYK	0.39, 0.00, 0.15, 0.63
HSL	157°, 25%, 30%
HSV	157°, 39%, 37%
XYZ	7.1380, 9.4545, 9.0381
YIQ	81.3410, -17.5580, -12.1980

Conversions

Conversions Part 2

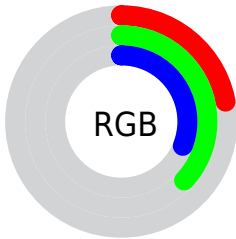
Format	Color
R_{YB}	57, 80, 94
Decimal	3759696
CIE Lab	36.84, -16.83, 3.87
CIE LCh	37, 17.267, 167.055
Yxy	9.4545, 0.2785, 0.3689
Android (android.graphics.Color)	4281949776 (0xFF395E50)
YUV	81.3410, -0.6611, -21.3471
Hunter-Lab	30.7481, -12.3713, 4.0960

Details

The Hex color **395E50** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E3947**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6A9181**, and **0A3024** is the 20% darker color. If you saturate the color by 10%, you get **305E4C**, and if you desaturate by 10%, it is **425E54**.

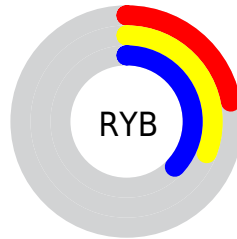
Distribution



Red (22%)

Green (37%)

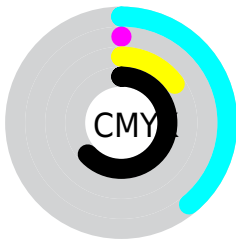
Blue (31%)



Red (22%)

Yellow (31%)

Blue (37%)

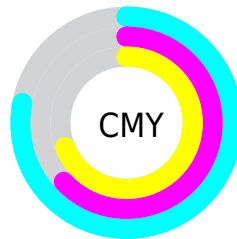


Cyan (39%)

Magenta (0%)

Yellow (15%)

Black (63%)



Cyan (78%)

Magenta (63%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 395E50 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 395E50 by changing the saturation by 10% instead.

 395E50

 395E50

FFFFFF

 224639

 6A9181

 0A3024

 83AB9B

 001C0E

 9EC7B6

 000000

 B9E3D2

 D5FFEE

 F2FFFF

 395E50

 395E50

 305E4C

 425E54

■ 265E49

■ 4C5E57

■ 1D5E45

■ 555E5B

■ 135E42

■ 5F5E5E

■ 0A5E3E

■ 685E62

■ 015E3B

■ 715E65

■ 005E3A

■ 7B5E69

■ 845E6C

■ 8E5E70

Harmonies

Analogous

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



495C43



395E50



2D5E5E

Triad

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



395E50



505571



704F43

Complementary

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



395E50



5E3947

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.



734D4F



395E50



62506A

Square

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



395E50



3D5A71



6E4D5D



66543C

Rectangle

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



395E50



2C5E67



6E4D5D



714E47

Sweetspot

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



395E50



6C7A75



475E39



353D3A



BDBDBD



3D3D3D

Same Dimension

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



395E50



417A65



395A5E



292E2C



006E44



00ED93

Inverse Universe

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



5E3947



7A4157



5E3D39



2E292B



6E0029



ED005A

Previews

White Background



This preview shows how the Hex color 395E50 looks on a white background.

Color Contrast Check

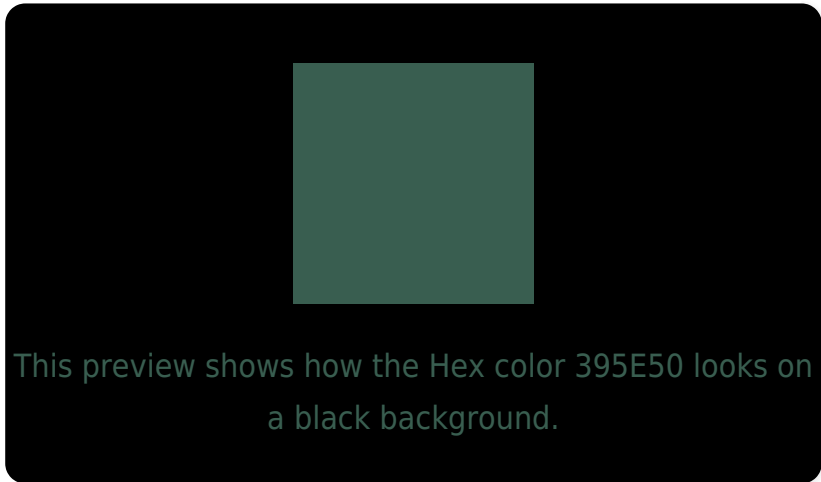
Large Text (above 18pt) WCAG AA ✓ Pass

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

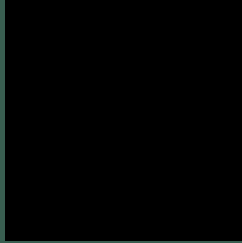
Any Text WCAG AA × Fail

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 395E50 Background



This preview shows how black text looks on a background with the Hex color 395E50.



This preview shows how white text looks on a background with the Hex color 395E50.

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
395E50

Protanopia
5A564C

Deuteranopia
605352



Tritanopia
3E5B63

Trichromacy



Original Color
395E50

Protanomaly
4E594D

Deuteranomaly
525751

Tritanomaly
3C5C5C

Monochromacy



Original Color
395E50

Achromatopsia
515151

Achromatomaly
485651

CSS Examples

Text

The CSS property to change the color of the text to Hex 395E50 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 #395E50 looks like.

```
.text, #text, p{  
    color:#395E50  
}
```

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 #395E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395E50
}
```

Border

The CSS property to change the border of an element to Hex 395E50 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
#395E50 }
```

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

```
.border{ border-color:#395E50 }
```

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

Here you see how a box with a 4 pixel #395E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395E50; -webkit-box-shadow:4px 4px  
4px 4px #395E50; box-shadow:4px 4px 4px  
4px #395E50 }
```

Background

The CSS property to change the background color of an element to Hex 395E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395E50 }
```

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

```
.background{ background-color:#395E50 }
```

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