

Converting Colors

Hex(395942)

Have a look what the booklet for
Hex(395942) contains.

Hex(395942)	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(395942)

Conversions

Conversions Part 1

Format	Color
Hex	395942
RGB	57, 89, 66
RGB Percent	22%, 35%, 26%
CMY	0.7765, 0.6510, 0.7412
CMYK	0.36, 0.00, 0.26, 0.65
HSL	137°, 22%, 29%
HSV	137°, 36%, 35%
XYZ	6.2431, 8.4080, 6.4481
YIQ	76.8100, -11.6890, -13.9370

Conversions

Conversions Part 2

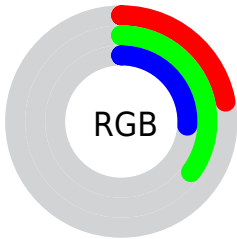
Format	Color
RYB	57, 82, 89
Decimal	3758402
CIELab	34.82, -17.31, 9.66
CIELCh	35, 19.820, 150.827
Yxy	8.4080, 0.2959, 0.3985
Android (android.graphics.Color)	4281948482 (0xFF395942)
YUV	76.8100, -5.3293, -17.3734
Hunter-Lab	28.9965, -12.3119, 7.1129

Details

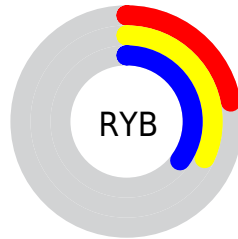
The Hex color **395942** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **593950**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **698B72**, and **0C2B17** is the 20% darker color. If you saturate the color by 10%, you get **30593C**, and if you desaturate by 10%, it is **425948**.

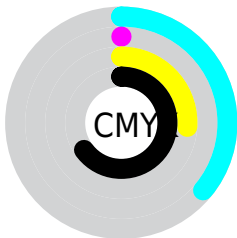
Distribution



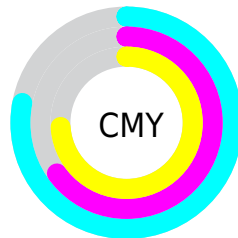
- Red (22%)
- Green (35%)
- Blue (26%)



- Red (22%)
- Yellow (32%)
- Blue (35%)



- Cyan (36%)
- Magenta (0%)
- Yellow (26%)
- Black (65%)



- Cyan (78%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 395942 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 395942 by changing the saturation by 10% instead.



395942



395942

FFFFFF



22412C



698B72



0C2B17



83A68B



001800



9DC1A6



000000



B8DDC1



D4F9DD



F1FFF9



395942



395942



30593C



425948

■ 275935

■ 4B594F

■ 1E592F

■ 545955

■ 155928

■ 5D595C

■ 0D5922

■ 665962

■ 04591C

■ 6E5968

■ 005919

■ 77596F

■ 805975

■ 89597C

Harmonies

Analogous

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



4C5636



395942



265A52

Triad

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



395942



3D5371



704742

Complementary

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



395942



593950

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.



704652



395942



544E6D

Square

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



395942



25586D



664862



694C37

Rectangle

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



395942



1C5A5D



664862



714647

Sweetspot

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



395942



66736A



505939



333B35



BABABA



3B3B3B

Same Dimension

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



395942



41734F



395952



272B28



006B1E



00EB42

Inverse Universe

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



593950



734165



593940



2B272A



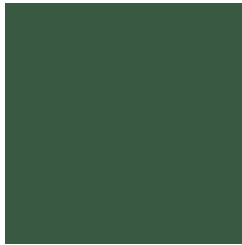
6B004D



EB00A9

Previews

White Background



This preview shows how the Hex color 395942 looks on a white background.

Color Contrast Check

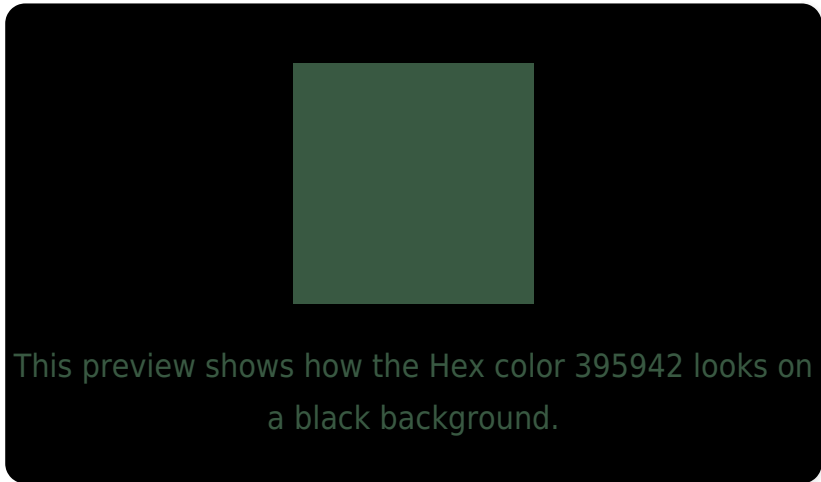
Large Text (above 18pt) WCAG AA ✓ Pass

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

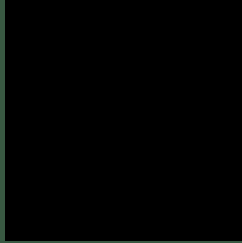
Any Text WCAG AA × Fail

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 395942 Background



This preview shows how black text looks on a background with the Hex color 395942.



This preview shows how white text looks on a background with the Hex color 395942.

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
395942

Protanopia
57513F

Deuteranopia
5E4E44



Tritanopia
3E565C

Trichromacy



Original Color
395942

Protanomaly
4C5440

Deuteranomaly
515243

Tritanomaly
3C5753

Monochromacy



Original Color
395942

Achromatopsia
4D4D4D

Achromatomaly
465149

CSS Examples

Text

The CSS property to change the color of the text to Hex 395942 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 #395942 looks like.

```
.text, #text, p{  
    color:#395942  
}
```

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 #395942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395942
}
```

Border

The CSS property to change the border of an element to Hex 395942 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
#395942 }
```

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

```
.border{ border-color:#395942 }
```

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

Here you see how a box with a 4 pixel #395942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395942; -webkit-box-shadow:4px 4px  
4px 4px #395942; box-shadow:4px 4px 4px  
4px #395942 }
```

Background

The CSS property to change the background color of an element to Hex 395942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395942 }
```

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

```
.background{ background-color:#395942 }
```

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