

Converting Colors

Hex(395877)

Have a look what the booklet for
Hex(395877) contains.

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Color

Hex(395877)

Conversions

Conversions Part 1

Format	Color
Hex	395877
RGB	57, 88, 119
RGB Percent	22%, 35%, 47%
CMY	0.7765, 0.6549, 0.5333
CMYK	0.52, 0.26, 0.00, 0.53
HSL	210°, 35%, 35%
HSV	210°, 52%, 47%
XYZ	8.5068, 9.1812, 18.7766
YIQ	82.2650, -28.4270, 3.0690

Conversions

Conversions Part 2

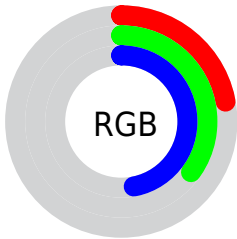
Format	Color
RYB	57, 78, 119
Decimal	3758199
CIELab	36.33, -1.91, -21.10
CIELCh	36, 21.183, 264.831
Yxy	9.1812, 0.2333, 0.2518
Android (android.graphics.Color)	4281948279 (0xFF395877)
YUV	82.2650, 18.1104, -22.1574
Hunter-Lab	30.3005, -2.9122, -15.5303




Details

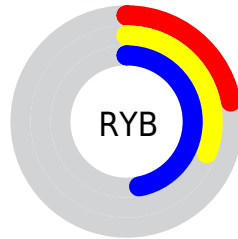
The Hex color **395877** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **775839**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **6C8AAB**, and **002B46** is the 20% darker color. If you saturate the color by 10%, you get **2D5277**, and if you desaturate by 10%, it is **455E77**.

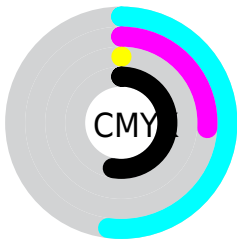
Distribution







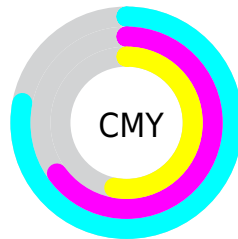
-  Red (22%)
-  Green (35%)
-  Blue (47%)






-  Red (22%)
-  Yellow (31%)
-  Blue (47%)



-  Cyan (52%)
-  Magenta (26%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (78%)
-  Magenta (65%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 395877 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 395877 by changing the saturation by 10% instead.

■ 395877

■ 395877

FFFFFF

■ 1F415E

■ 6C8AAB

■ 002B46

■ 86A4C7

■ 001730

■ A1BFE3

■ 00011B

■ BDD8FF

■ 000000

■ D9F7FF

■ F6FFFF

■ 395877

■ 395877

■ 2D5277

■ 455E77

■ 214C77

■ 516477

■ 154677

■ 5D6A77

■ 094077

■ 697077

■ 003B77

■ 747677

■ 807C77

■ 8C8277

■ 988877

■ A48E77

Harmonies

Analogous

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



1F5C71



395877



535274

Triad

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



395877



774948



3F5D41

Complementary

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



395877



775839

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.



525936



395877



714E3A

Square

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



395877



744959



645334



2A5E52

Rectangle

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



395877



624E6E



645334



455B3D

Sweetspot

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



395877



838F9C



397758



40484F



CFCFCF



4F4F4F

Same Dimension

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



395877



3A6B9C



393977



35383B



003D7A



007DFA

Inverse Universe

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



773958



9C3A6B



777739



3B3538



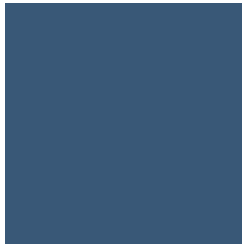
7A003D



FA007D

Previews

White Background



This preview shows how the Hex color 395877 looks on a white background.

Color Contrast Check

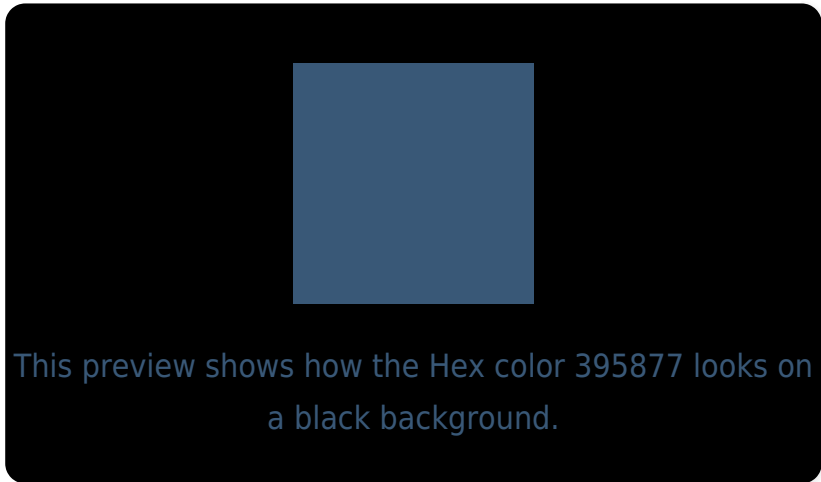
Large Text (above 18pt) WCAG AA ✓ Pass

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

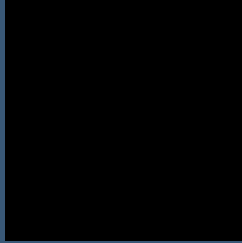
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

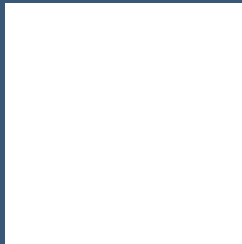
Any Text WCAG AAA × Fail

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

Hex 395877 Background



This preview shows how black text looks on a background with the Hex color 395877.

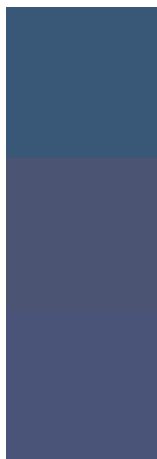


This preview shows how white text looks on a background with the Hex color 395877.

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
395877

Protanopia
4C5474

Deuteranopia
495478



Tritanopia
325C63

Trichromacy



Original Color
395877

Protanomaly
455575

Deuteranomaly
435578

Tritanomaly
355B6A

Monochromacy



Original Color
395877

Achromatopsia
525252

Achromatomaly
49545F

CSS Examples

Text

The CSS property to change the color of the text to Hex 395877 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 #395877 looks like.

```
.text, #text, p{  
    color:#395877  
}
```

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 #395877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395877
}
```

Border

The CSS property to change the border of an element to Hex 395877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

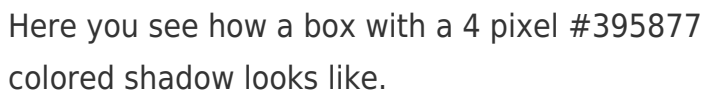
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#395877 }
```

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

```
.border{ border-color:#395877 }
```

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



Here you see how a box with a 4 pixel #395877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395877; -webkit-box-shadow:4px 4px  
4px 4px #395877; box-shadow:4px 4px 4px  
4px #395877 }
```

Background

The CSS property to change the background color of an element to Hex 395877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395877 }
```

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

```
.background{ background-color:#395877 }
```

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](#).

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