

Converting Colors

Hex(395879)

Have a look what the booklet for
Hex(395879) contains.

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Color

Hex(395879)

Conversions

Conversions Part 1

Format	Color
Hex	395879
RGB	57, 88, 121
RGB Percent	22%, 35%, 47%
CMY	0.7765, 0.6549, 0.5255
CMYK	0.53, 0.27, 0.00, 0.53
HSL	211°, 36%, 35%
HSV	211°, 53%, 47%
XYZ	8.6283, 9.2298, 19.4159
YIQ	82.4930, -29.0690, 3.6910

Conversions

Conversions Part 2

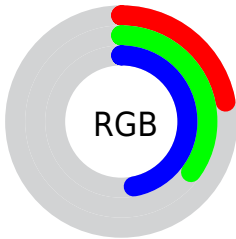
Format	Color
RYB	57, 78, 121
Decimal	3758201
CIELab	36.42, -1.25, -22.19
CIElCh	36, 22.222, 266.785
Yxy	9.2298, 0.2315, 0.2476
Android (android.graphics.Color)	4281948281 (0xFF395879)
YUV	82.4930, 18.9840, -22.3574
Hunter-Lab	30.3806, -2.4709, -16.6253

Details


The Hex color **395879** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **795A39**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6C8AAE**, and **002B48** is the 20% darker color. If you saturate the color by 10%, you get **2D5279**, and if you desaturate by 10%, it is **455E79**.

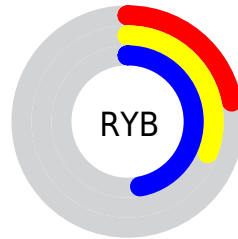
Distribution



 Red (22%)

 Green (35%)

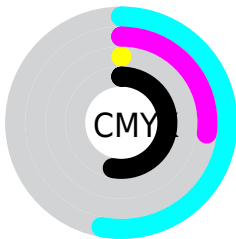
 Blue (47%)




 Red (22%)

 Yellow (31%)

 Blue (47%)

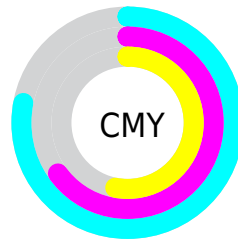



 Cyan (53%)


 Magenta (27%)

 Yellow (0%)

 Black (53%)



 Cyan (78%)

 Magenta (65%)

 Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 395879 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 395879 by changing the saturation by 10% instead.

■ 395879

■ 395879

FFFFFF

■ 1F4160

■ 6C8AAE

■ 002B48

■ 87A4C9

■ 001732

■ A2BFE5

■ 00021C

■ BDD8FF

■ 000000

■ DAF7FF

■ F7FFFF

■ 395879

■ 395879

■ 2D5279

■ 455E79

■ 214C79

■ 516479

■ 154579

■ 5D6B79

■ 093F79

■ 697179

■ 003B79

■ 757779

■ 827D79

■ 8E8479

■ 9A8A79

■ A69079

Harmonies

Analogous

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



1B5D73



395879



555275

Triad

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



395879



784947



3C5D42

Complementary

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



395879



795A39

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.



515935



395879



714E38

Square

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



395879



764858



635432



255F53

Rectangle

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



395879



644D6E



635432



435C3D

Sweetspot

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



395879



85919E



397959



40474F



CFCFCF



4F4F4F

Same Dimension

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



395879



3A6B9E



393979



373A3D



003D7D



007AFC

Inverse Universe

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



793958



9E3A6B



797939



3D373A



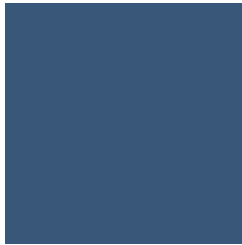
7D003D



FC007A

Previews

White Background



This preview shows how the Hex color 395879 looks on a white background.

Color Contrast Check

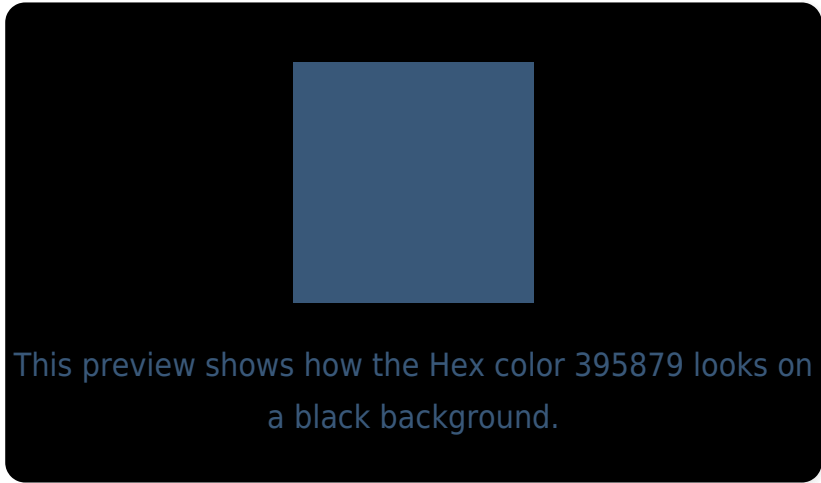
Large Text (above 18pt) WCAG AA ✓ Pass

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 395879 Background



This preview shows how black text looks on a background with the Hex color 395879.

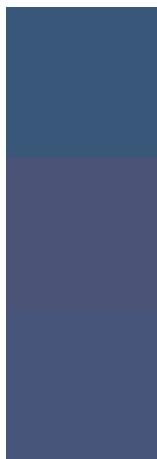


This preview shows how white text looks on a background with the Hex color 395879.

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
395879

Protanopia
4B5476

Deuteranopia
48557A



Tritanopia
315C63

Trichromacy



Original Color
395879

Protanomaly
445577

Deuteranomaly
43567A

Tritanomaly
345B6B

Monochromacy



Original Color
395879

Achromatopsia
525252

Achromatomaly
495460

CSS Examples

Text

The CSS property to change the color of the text to Hex 395879 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 #395879 looks like.

```
.text, #text, p{  
    color:#395879  
}
```

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 #395879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395879
}
```

Border

The CSS property to change the border of an element to Hex 395879 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
#395879 }
```

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

```
.border{ border-color:#395879 }
```

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

Here you see how a box with a 4 pixel #395879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395879; -webkit-box-shadow:4px 4px  
4px 4px #395879; box-shadow:4px 4px 4px  
4px #395879 }
```

Background

The CSS property to change the background color of an element to Hex 395879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395879 }
```

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

```
.background{ background-color:#395879 }
```

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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