

Converting Colors

Hex(395C79)

Have a look what the booklet for
Hex(395C79) contains.

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Color

Hex(395C79)

Conversions

Conversions Part 1

Format	Color
Hex	395C79
RGB	57, 92, 121
RGB Percent	22%, 36%, 47%
CMY	0.7765, 0.6392, 0.5255
CMYK	0.53, 0.24, 0.00, 0.53
HSL	207°, 36%, 35%
HSV	207°, 53%, 47%
XYZ	8.9657, 9.9046, 19.5284
YIQ	84.8410, -30.1690, 1.5990

Conversions

Conversions Part 2

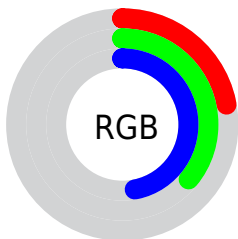
Format	Color
RYB	57, 80, 121
Decimal	3759225
CIELab	37.67, -3.73, -20.25
CIELCh	38, 20.594, 259.558
Yxy	9.9046, 0.2335, 0.2579
Android (android.graphics.Color)	4281949305 (0xFF395C79)
YUV	84.8410, 17.8264, -24.4166
Hunter-Lab	31.4716, -4.2240, -14.7598

Details

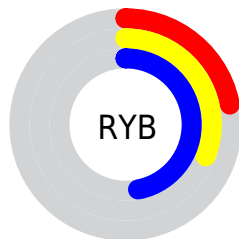
The Hex color **395C79** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **795639**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6C8EAD**, and **002E48** is the 20% darker color. If you saturate the color by 10%, you get **2D5779**, and if you desaturate by 10%, it is **456179**.

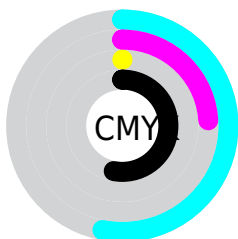
Distribution



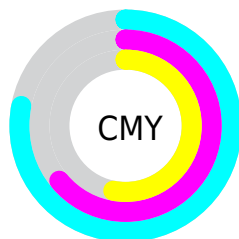
- Red (22%)
- Green (36%)
- Blue (47%)



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



- Cyan (53%)
- Magenta (24%)
- Yellow (0%)
- Black (53%)



- Cyan (78%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 395C79 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 395C79 by changing the saturation by 10% instead.



395C79



395C79

FFFFFF



1F4560



6C8EAD



002E48



87A8C9



001A32



A2C4E5



00021D



BEE0FF



000000



DAFCFF



F7FFFF



395C79



395C79



2D5779



456179

■ 215179

■ 516779

■ 154C79

■ 5D6C79

■ 094679

■ 697279

■ 004279

■ 757779

■ 827D79

■ 8E8279

■ 9A8879

■ A68D79

Harmonies

Analogous

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



236071



395C79



535678

Triad

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



395C79



7A4C4E



465F43

Complementary

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



395C79



795639

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.



595B39



395C79



755040

Square

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



395C79



764D5F



695638



326152

Rectangle

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



395C79



625272



695638



4D5E3F

Sweetspot

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



395C79



85939E



397956



40484F



CFCFCF



4F4F4F

Same Dimension

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



395C79



3A719E



393C79



373A3D



00447D



008AFC

Inverse Universe

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



79395C



9E3A71



797639



3D373A



7D0044



FC008A

Previews

White Background



This preview shows how the Hex color 395C79 looks on a white background.

Color Contrast Check

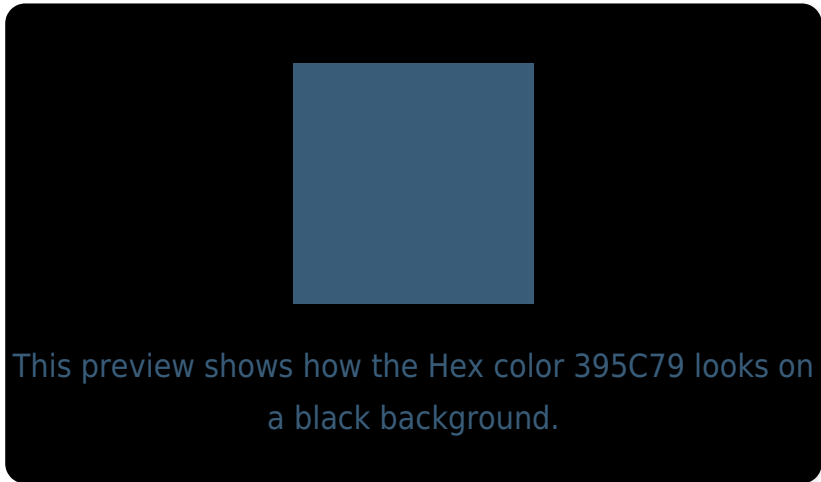
Large Text (above 18pt) WCAG AA ✓ Pass

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

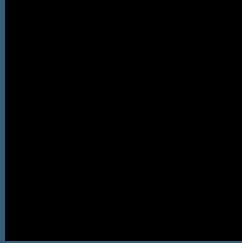
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

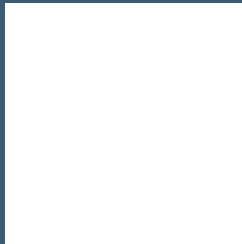
Any Text WCAG AAA × Fail

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

Hex 395C79 Background



This preview shows how black text looks on a background with the Hex color 395C79.



This preview shows how white text looks on a background with the Hex color 395C79.

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](#).

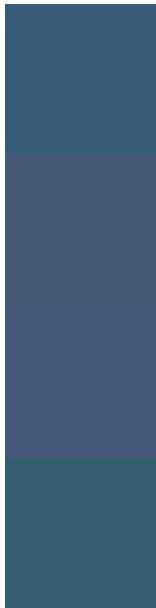
Dichromacy





Tritanopia
335F67

Trichromacy



Original Color
395C79

Protanomaly
485976

Deuteranomaly
46597A

Tritanomaly
355E6E

Monochromacy



Original Color
395C79

Achromatopsia
555555

Achromatomaly
4B5862

CSS Examples

Text

The CSS property to change the color of the text to Hex 395C79 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 #395C79 looks like.

```
.text, #text, p{  
    color:#395C79  
}
```

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 #395C79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395C79
}
```

Border

The CSS property to change the border of an element to Hex 395C79 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
#395C79 }
```

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

```
.border{ border-color:#395C79 }
```

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

Here you see how a box with a 4 pixel #395C79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395C79; -webkit-box-shadow:4px 4px  
4px 4px #395C79; box-shadow:4px 4px 4px  
4px #395C79 }
```

Background

The CSS property to change the background color of an element to Hex 395C79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395C79 }
```

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

```
.background{ background-color:#395C79 }
```

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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