

Converting Colors

Hex(395C8E)

Have a look what the booklet for
Hex(395C8E) contains.

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Color

Hex(395C8E)

Conversions

Conversions Part 1

Format	Color
Hex	395C8E
RGB	57, 92, 142
RGB Percent	22%, 36%, 56%
CMY	0.7765, 0.6392, 0.4431
CMYK	0.60, 0.35, 0.00, 0.44
HSL	215°, 43%, 39%
HSV	215°, 60%, 56%
XYZ	10.3970, 10.4771, 27.0655
YIQ	87.2350, -36.9100, 8.1300

Conversions

Conversions Part 2

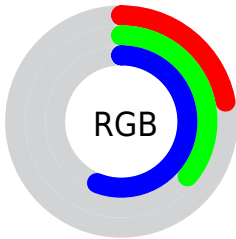
Format	Color
R _Y B	57, 82, 142
Decimal	3759246
CIE Lab	38.69, 3.41, -31.47
CIE LCh	39, 31.651, 276.189
Yxy	10.4771, 0.2169, 0.2185
Android (android.graphics.Color)	4281949326 (0xFF395C8E)
YUV	87.2350, 26.9991, -26.5161
Hunter-Lab	32.3684, 0.6908, -26.9186

Details

The Hex color **395C8E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8E6B39**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6F8EC4**, and **002F5B** is the 20% darker color. If you saturate the color by 10%, you get **2B548E**, and if you desaturate by 10%, it is **47648E**.

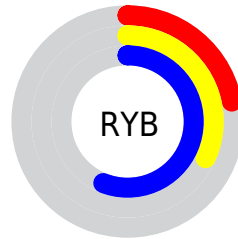
Distribution



Red (22%)

Green (36%)

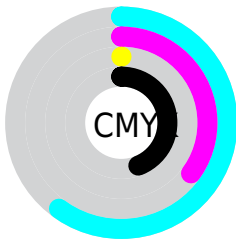
Blue (56%)



Red (22%)

Yellow (32%)

Blue (56%)

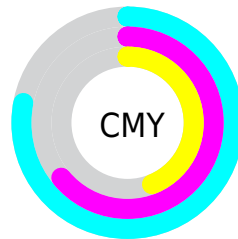


Cyan (60%)

Magenta (35%)

Yellow (0%)

Black (44%)



Cyan (78%)

Magenta (64%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 395C8E 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 395C8E by changing the saturation by 10% instead.

■ 395C8E

■ 395C8E

FFFFFF

■ 1B4574

■ 6F8EC4

■ 002F5B

■ 8AA8E0

■ 001A43

■ A6C3FD

■ 00032D

■ C2DFFF

■ 000117

■ DFFCFF

■ 000000

■ FCFFFF

■ 395C8E

■ 395C8E

■ 2B548E

■ 47648E

■ 1D4B8E

■ 556D8E

■ 0E438E

■ 64758E

■ 003B8E

■ 727D8E

■ 003A8E

■ 80868E

■ 8E8E8E

■ 9C968E

■ AB9F8E

■ B9A78E

Harmonies

Analogous

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



00638A



395C8E



645285

Triad

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



395C8E



894A3E



276745

Complementary

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



395C8E



8E6B39

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.



4A6230



395C8E



7B522C

Square

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



395C8E



8B4557



655B26



006860

Rectangle

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



395C8E



784C78



655B26



34653D

Sweetspot

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



395C8E



97A4B8



398E6B



48505C



DBDBDB



5C5C5C

Same Dimension

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



395C8E



336AB8



40398E



404347



003887



000308

Inverse Universe

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



8E395C



B8336A



878E39



474043



870038



080003

Previews

White Background



This preview shows how the Hex color 395C8E looks on a white background.

Color Contrast Check

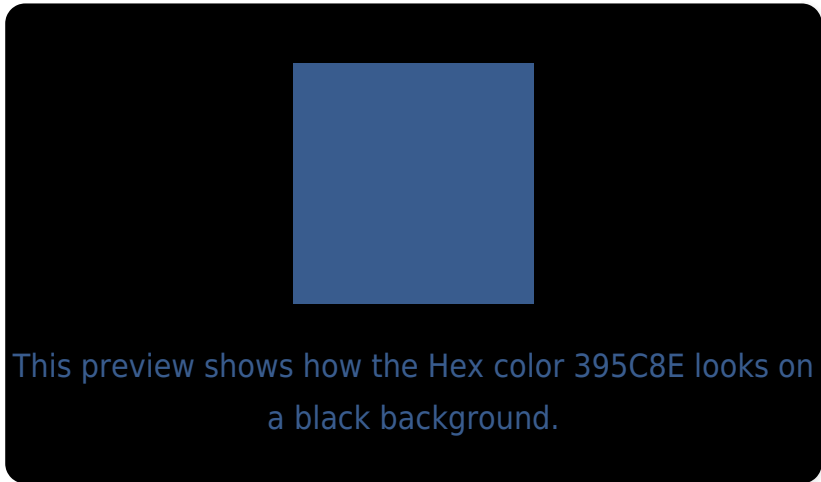
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 395C8E Background



This preview shows how black text looks on a background with the Hex color 395C8E.



This preview shows how white text looks on a background with the Hex color 395C8E.

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
395C8E

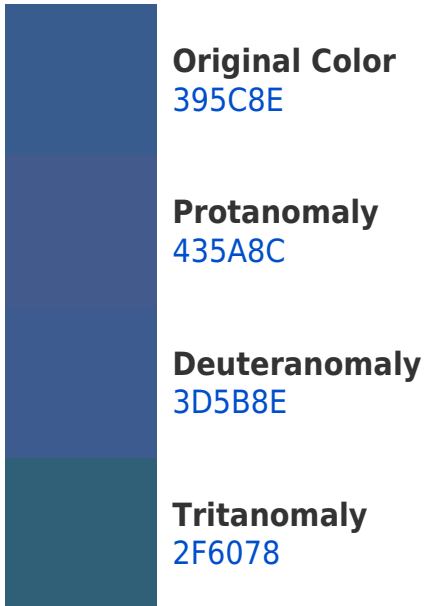
Protanopia
49598B

Deuteranopia
3F5B8E

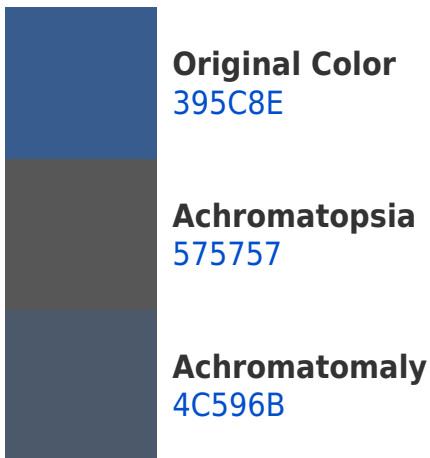


Tritanopia
29636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 395C8E 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 #395C8E looks like.

```
.text, #text, p{  
    color:#395C8E  
}
```

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 #395C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395C8E
}
```

Border

The CSS property to change the border of an element to Hex 395C8E 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".

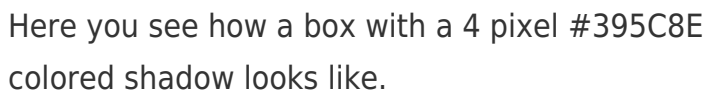
```
.border, #border, table{ border:4px solid
#395C8E }
```

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

```
.border{ border-color:#395C8E }
```

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

Here you see how a box with a 4 pixel #395C8E colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395C8E; -webkit-box-shadow:4px 4px  
4px 4px #395C8E; box-shadow:4px 4px 4px  
4px #395C8E }
```

Background

The CSS property to change the background color of an element to Hex 395C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395C8E }
```

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

```
.background{ background-color:#395C8E }
```

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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