

Converting Colors

Hex(395B8E)

Have a look what the booklet for
Hex(395B8E) contains.

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Color

Hex(395B8E)

Conversions

Conversions Part 1

Format	Color
Hex	395B8E
RGB	57, 91, 142
RGB Percent	22%, 36%, 56%
CMY	0.7765, 0.6431, 0.4431
CMYK	0.60, 0.36, 0.00, 0.44
HSL	216°, 43%, 39%
HSV	216°, 60%, 56%
XYZ	10.3109, 10.3050, 27.0368
YIQ	86.6480, -36.6350, 8.6530

Conversions

Conversions Part 2

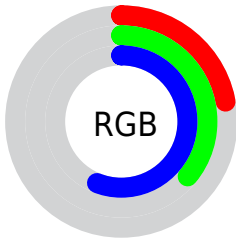
Format	Color
RYB	57, 81, 142
Decimal	3758990
CIELab	38.38, 4.05, -31.94
CIElCh	38, 32.197, 277.224
Yxy	10.3050, 0.2164, 0.2163
Android (android.graphics.Color)	4281949070 (0xFF395B8E)
YUV	86.6480, 27.2885, -26.0013
Hunter-Lab	32.1014, 1.1563, -27.4648

Details

The Hex color **395B8E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8E6C39**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6F8DC4**, and **002E5B** is the 20% darker color. If you saturate the color by 10%, you get **2B528E**, and if you desaturate by 10%, it is **47648E**.

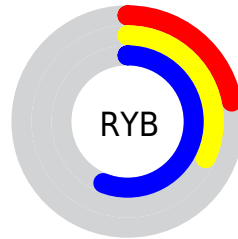
Distribution



Red (22%)

Green (36%)

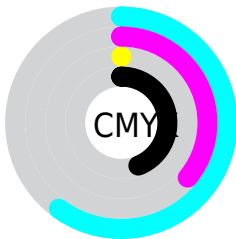
Blue (56%)



Red (22%)

Yellow (32%)

Blue (56%)

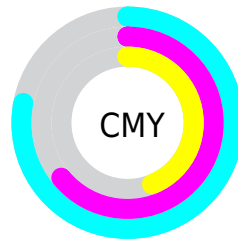


Cyan (60%)

Magenta (36%)

Yellow (0%)

Black (44%)



Cyan (78%)

Magenta (64%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 395B8E 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 395B8E by changing the saturation by 10% instead.

■ 395B8E

■ 395B8E

FFFFFF

■ 1B4474

■ 6F8DC4

■ 002E5B

■ 8AA7E0

■ 001A43

■ A6C2FD

■ 00032D

■ C2DEFF

■ 000117

■ DFFBFF

■ 000000

■ FCFFFF

■ 395B8E

■ 395B8E

■ 2B528E

■ 47648E

■ 1D4A8E

■ 556C8E

■ 0E418E

■ 64758E

■ 00398E

■ 727D8E

■ 80868E

■ 8E8E8E

■ 9C978E

■ AB9F8E

■ B9A88E

Harmonies

Analogous

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



00628A



395B8E



655184

Triad

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



395B8E



88493C



236645

Complementary

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



395B8E



8E6C39

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.



48622F



395B8E



7A522A

Square

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



395B8E



8B4455



645B25



006860

Rectangle

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



395B8E



784A77



645B25



31653D

Sweetspot

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



395B8E



97A4B8



398E6C



48505C



DBDBDB



5C5C5C

Same Dimension

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



395B8E



3368B8



41398E



404347



003687



000308

Inverse Universe

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



8E395B



B83368



868E39



474043



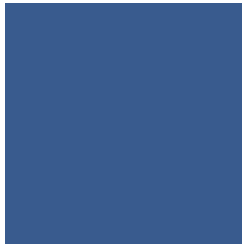
870036



080003

Previews

White Background



This preview shows how the Hex color 395B8E looks on a white background.

Color Contrast Check

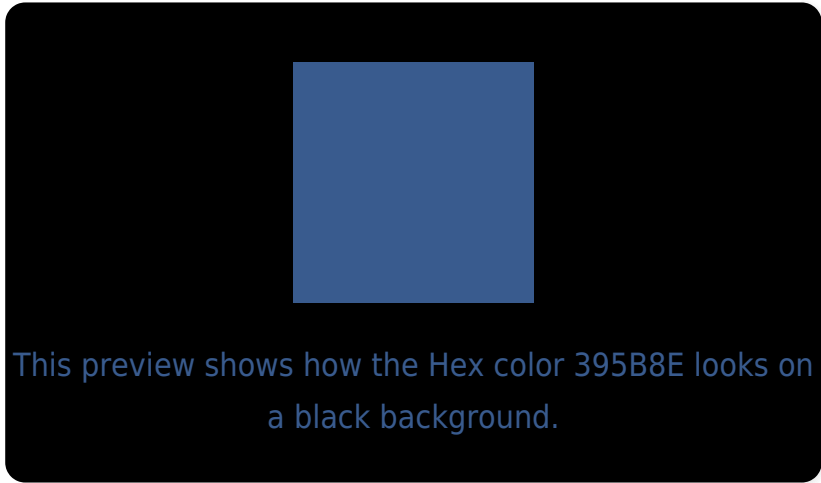
Large Text (above 18pt) WCAG AA ✓ Pass

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 395B8E Background



This preview shows how black text looks on a background with the Hex color 395B8E.



This preview shows how white text looks on a background with the Hex color 395B8E.

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
395B8E

Protanopia
47588C

Deuteranopia
3D5A8E



Tritanopia
29626A

Trichromacy



Original Color
395B8E

Protanomaly
42598D

Deuteranomaly
3C5A8E

Tritanomaly
2F5F77

Monochromacy



Original Color
395B8E

Achromatopsia
575757

Achromatomaly
4C586B

CSS Examples

Text

The CSS property to change the color of the text to Hex 395B8E 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 #395B8E looks like.

```
.text, #text, p{  
    color:#395B8E  
}
```

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 #395B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395B8E
}
```

Border

The CSS property to change the border of an element to Hex 395B8E 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
#395B8E }
```

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

```
.border{ border-color:#395B8E }
```

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

Here you see how a box with a 4 pixel #395B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395B8E; -webkit-box-shadow:4px 4px  
4px 4px #395B8E; box-shadow:4px 4px 4px  
4px #395B8E }
```

Background

The CSS property to change the background color of an element to Hex 395B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395B8E }
```

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

```
.background{ background-color:#395B8E }
```

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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