

Converting Colors

Hex(395B82)

Have a look what the booklet for
Hex(395B82) contains.

Hex(395B82)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(395B82)

Conversions

Conversions Part 1

Format	Color
Hex	395B82
RGB	57, 91, 130
RGB Percent	22%, 36%, 51%
CMY	0.7765, 0.6431, 0.4902
CMYK	0.56, 0.30, 0.00, 0.49
HSL	212°, 39%, 37%
HSV	212°, 56%, 51%
XYZ	9.4577, 9.9637, 22.5438
YIQ	85.2800, -32.7830, 4.9210

Conversions

Conversions Part 2

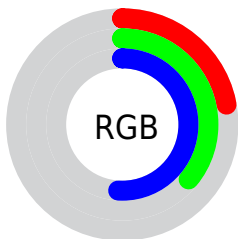
Format	Color
RYB	57, 80, 130
Decimal	3758978
CIELab	37.78, -0.10, -25.60
CIElCh	38, 25.599, 269.771
Yxy	9.9637, 0.2254, 0.2374
Android (android.graphics.Color)	4281949058 (0xFF395B82)
YUV	85.2800, 22.0470, -24.8016
Hunter-Lab	31.5654, -1.7568, -20.2488

Details

The Hex color **395B82** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **826039**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6D8DB7**, and **002E50** is the 20% darker color. If you saturate the color by 10%, you get **2C5482**, and if you desaturate by 10%, it is **466282**.

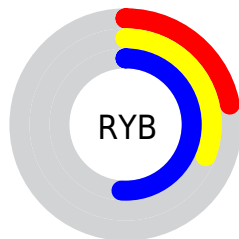
Distribution



Red (22%)

Green (36%)

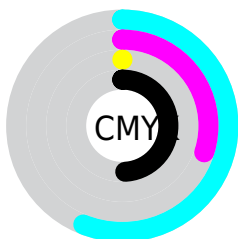
Blue (51%)



Red (22%)

Yellow (31%)

Blue (51%)

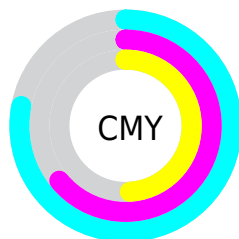


Cyan (56%)

Magenta (30%)

Yellow (0%)

Black (49%)



Cyan (78%)

Magenta (64%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 395B82 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 395B82 by changing the saturation by 10% instead.

■ 395B82

■ 395B82

FFFFFF

■ 1D4469

■ 6D8DB7

■ 002E50

■ 88A7D3

■ 001939

■ A3C2EF

■ 000224

■ BFDEFF

■ 00000B

■ DCFBFF

■ 000000

■ F9FFFF

■ 395B82

■ 395B82

■ 2C5482

■ 466282

■ 1F4D82

■ 536982

■ 124682

■ 607082

■ 053F82

■ 6D7782

■ 003D82

■ 7A7E82

■ 878582

■ 948C82

■ A19382

■ AE9A82

Harmonies

Analogous

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



08607C



395B82



5B547D

Triad

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



395B82



804A45



386243

Complementary

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



395B82



826039

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.



515E34



395B82



775036

Square

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



395B82



7F495A



66582F



186458

Rectangle

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



395B82



6C4F74



66582F



41613D

Sweetspot

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



395B82



8C99A8



398260



434B54



D4D4D4



545454

Same Dimension

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



395B82



386CA8



3B3982



393C40



003B80



000000

Inverse Universe

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



82395B



A8386C



808239



40393C



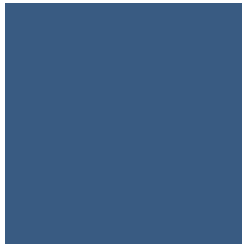
80003B



000000

Previews

White Background



This preview shows how the Hex color 395B82 looks on a white background.

Color Contrast Check

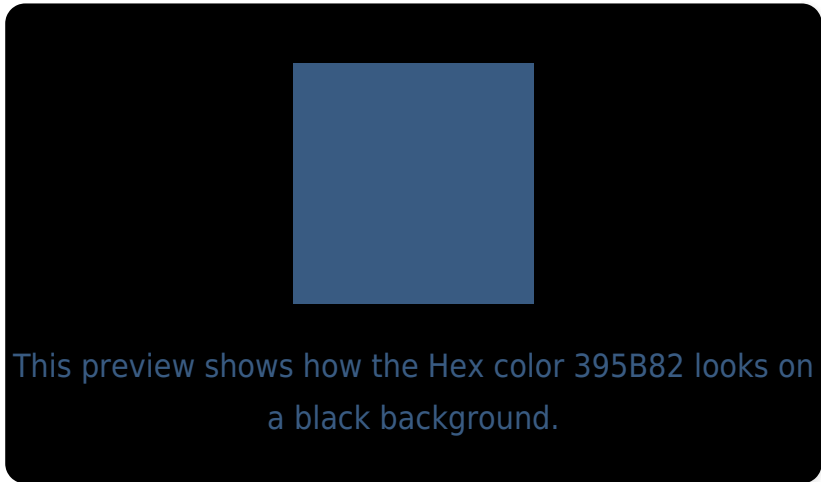
Large Text (above 18pt) WCAG AA ✓ Pass

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

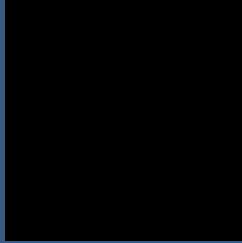
Any Text WCAG AA × Fail

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 395B82 Background



This preview shows how black text looks on a background with the Hex color 395B82.

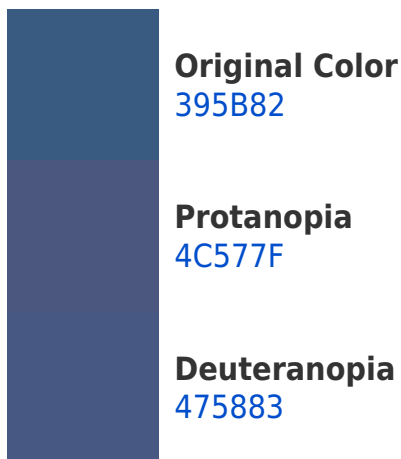


This preview shows how white text looks on a background with the Hex color 395B82.

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
2F6068

Trichromacy



Original Color
395B82

Protanomaly
455880

Deuteranomaly
425983

Tritanomaly
335E71

Monochromacy



Original Color
395B82

Achromatopsia
555555

Achromatomaly
4B5765

CSS Examples

Text

The CSS property to change the color of the text to Hex 395B82 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 #395B82 looks like.

```
.text, #text, p{  
    color:#395B82  
}
```

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 #395B82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395B82
}
```

Border

The CSS property to change the border of an element to Hex 395B82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

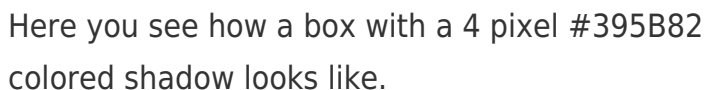
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#395B82 }
```

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

```
.border{ border-color:#395B82 }
```

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



Here you see how a box with a 4 pixel #395B82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395B82; -webkit-box-shadow:4px 4px  
4px 4px #395B82; box-shadow:4px 4px 4px  
4px #395B82 }
```

Background

The CSS property to change the background color of an element to Hex 395B82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395B82 }
```

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

```
.background{ background-color:#395B82 }
```

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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