

Converting Colors

Hex(393CA2)

Have a look what the booklet for
Hex(393CA2) contains.

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Color

Hex(393CA2)

Conversions

Conversions Part 1

Format	Color
Hex	393CA2
RGB	57, 60, 162
RGB Percent	22%, 24%, 64%
CMY	0.7765, 0.7647, 0.3647
CMYK	0.65, 0.63, 0.00, 0.36
HSL	238°, 48%, 43%
HSV	238°, 65%, 64%
XYZ	9.8248, 6.7102, 34.9598
YIQ	70.7310, -34.5300, 31.0860

Conversions

Conversions Part 2

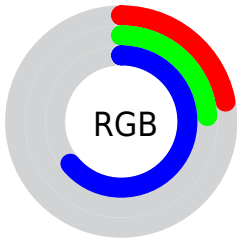
Format	Color
RYB	57, 60, 162
Decimal	3751074
CIELab	31.14, 31.48, -55.68
CIELCh	31, 63.960, 299.480
Yxy	6.7102, 0.1908, 0.1303
Android (android.graphics.Color)	4281941154 (0xFF393CA2)
YUV	70.7310, 44.9956, -12.0421
Hunter-Lab	25.9041, 22.3686, -61.8842

Details

The Hex color **393CA2** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A29F39**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **746CDA**, and **00126D** is the 20% darker color. If you saturate the color by 10%, you get **292CA2**, and if you desaturate by 10%, it is **494CA2**.

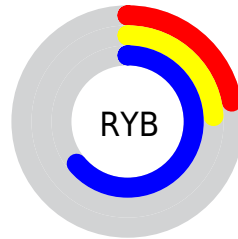
Distribution



Red (22%)

Green (24%)

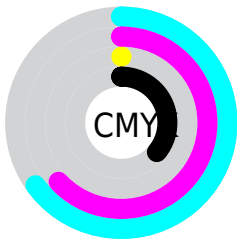
Blue (64%)



Red (22%)

Yellow (24%)

Blue (64%)

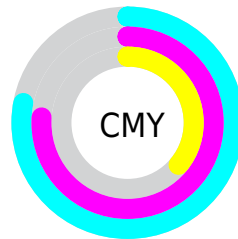


Cyan (65%)

Magenta (63%)

Yellow (0%)

Black (36%)



Cyan (78%)

Magenta (76%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 393CA2 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 393CA2 by changing the saturation by 10% instead.



393CA2



393CA2

FFFFFF



132687



746CDA



00126D



9085F7



000054



AD9FFF



00063C



CABAFF



000225



E8D6FF



00010E



FFF2FF



000000



393CA2



393CA2



292CA2



494CA2

■ 191DA2

■ 595BA2

■ 080DA2

■ 6A6BA2

■ 0005A2

■ 7A7BA2

■ 8A8BA2

■ 9A9AA2

■ AAAAA2

■ BBBA2

■ CBCAA2

Harmonies

Analogous

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



0051AF



393CA2



82157D

Triad

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



393CA2



813000



005D47

Complementary

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



393CA2



A29F39

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.



005A0E



393CA2



5B4700

Square

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



393CA2



98001C



285400



005D7A

Rectangle

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



393CA2



96005D



285400



005C35

Sweetspot

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



393CA2



ABADD4



39A29F



52536B



EBEBEB



6B6B6B

Same Dimension

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



393CA2



2F33D4



6A39A2



494A52



000491



000112

Inverse Universe

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



A2393C



D42F33



71A239



52494A



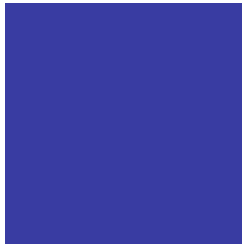
910004



120001

Previews

White Background



This preview shows how the Hex color 393CA2 looks on a white background.

Color Contrast Check

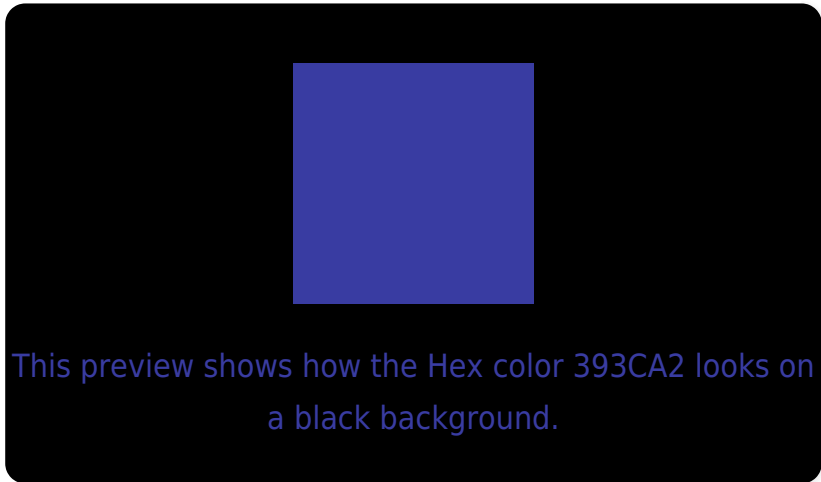
Large Text (above 18pt) WCAG AA ✓ Pass

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

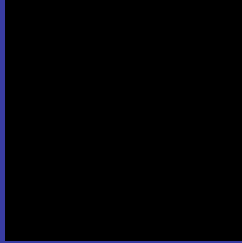
Any Text WCAG AA × Fail

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 393CA2 Background



This preview shows how black text looks on a background with the Hex color 393CA2.



This preview shows how white text looks on a background with the Hex color 393CA2.

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
393CA2

Protanopia
004795

Deuteranopia
004B80

Trichromacy



Original Color
393CA2

Protanomaly
15439A

Deuteranomaly
15468C

Tritanomaly
154973

Monochromacy



Original Color
393CA2

Achromatopsia
474747

Achromatomaly
424368

CSS Examples

Text

The CSS property to change the color of the text to Hex 393CA2 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 #393CA2 looks like.

```
.text, #text, p{  
    color:#393CA2  
}
```

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 #393CA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393CA2
}
```

Border

The CSS property to change the border of an element to Hex 393CA2 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
#393CA2 }
```

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

```
.border{ border-color:#393CA2 }
```

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

Here you see how a box with a 4 pixel #393CA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393CA2; -webkit-box-shadow:4px 4px  
4px 4px #393CA2; box-shadow:4px 4px 4px  
4px #393CA2 }
```

Background

The CSS property to change the background color of an element to Hex 393CA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393CA2 }
```

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

```
.background{ background-color:#393CA2 }
```

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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