

Converting Colors

Hex(393E9D)

Have a look what the booklet for
Hex(393E9D) contains.

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Color

Hex(393E9D)

Conversions

Conversions Part 1

Format	Color
Hex	393E9D
RGB	57, 62, 157
RGB Percent	22%, 24%, 62%
CMY	0.7765, 0.7569, 0.3843
CMYK	0.64, 0.61, 0.00, 0.38
HSL	237°, 47%, 42%
HSV	237°, 64%, 62%
XYZ	9.4958, 6.7494, 32.7006
YIQ	71.3350, -33.4750, 28.4850

Conversions

Conversions Part 2

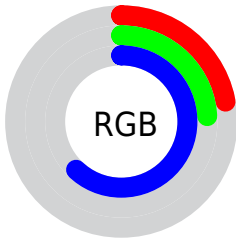
Format	Color
RYB	57, 62, 157
Decimal	3751581
CIELab	31.23, 28.43, -52.51
CIELCh	31, 59.709, 298.435
Yxy	6.7494, 0.1940, 0.1379
Android (android.graphics.Color)	4281941661 (0xFF393E9D)
YUV	71.3350, 42.2328, -12.5718
Hunter-Lab	25.9797, 19.7788, -56.4425

Details

The Hex color **393E9D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9D9839**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **736ED4**, and **001469** is the 20% darker color. If you saturate the color by 10%, you get **292F9D**, and if you desaturate by 10%, it is **494D9D**.

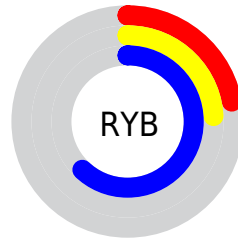
Distribution



Red (22%)

Green (24%)

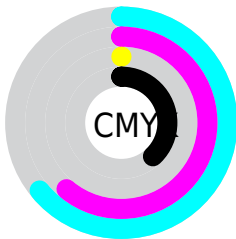
Blue (62%)



Red (22%)

Yellow (24%)

Blue (62%)

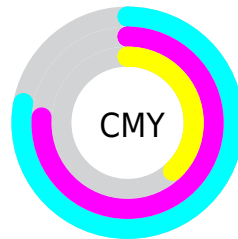


Cyan (64%)

Magenta (61%)

Yellow (0%)

Black (38%)



Cyan (78%)

Magenta (76%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 393E9D 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 393E9D by changing the saturation by 10% instead.

■ 393E9D

■ 393E9D

FFFFFF

■ 152882

■ 736ED4

■ 001469

■ 8F87F1

■ 000050

■ ABA1FF

■ 000538

■ C8BCFF

■ 000222

■ E6D8FF

■ 000007

■ FFF5FF

■ 000000

■ 393E9D

■ 393E9D

■ 292F9D

■ 494D9D

■ 1A209D

■ 585C9D

■ 0A119D

■ 686B9D

■ 00089D

■ 787A9D

■ 88899D

■ 97979D

■ A7A69D

■ B7B59D

■ C6C49D

Harmonies

Analogous

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



0051A8



393E9D



7D1E7B

Triad

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



393E9D



803100



005C46

Complementary

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



393E9D



9D9839

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.



005A12



393E9D



5D4700

Square

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



393E9D



950C20



2F5300



005D75

Rectangle

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



393E9D



91005E



2F5300



005C35

Sweetspot

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



393E9D



A5A7CC



399D98



4F5066



E6E6E6



666666

Same Dimension

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



393E9D



3139CC



66399D



47484F



00078F



00010F

Inverse Universe

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



9D393E



CC3139



709D39



4F4748



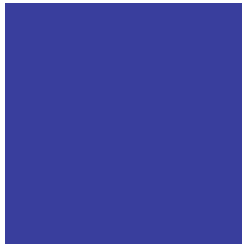
8F0007



0F0001

Previews

White Background



This preview shows how the Hex color 393E9D looks on a white background.

Color Contrast Check

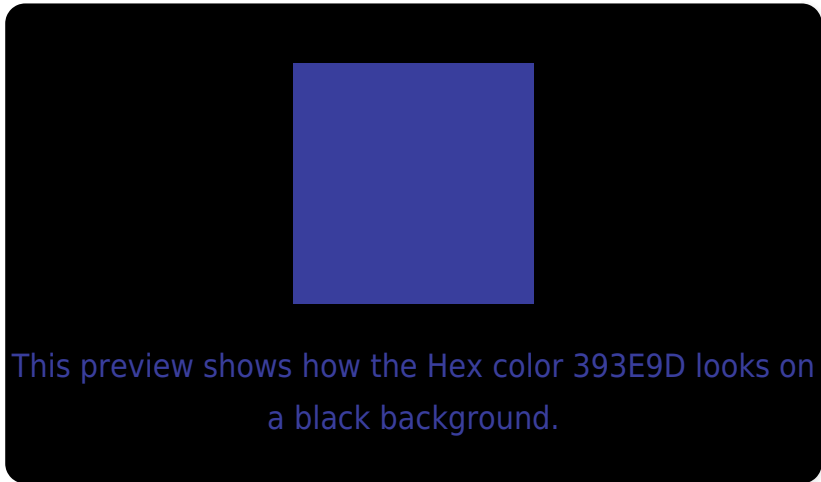
Large Text (above 18pt) WCAG AA ✓ Pass

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

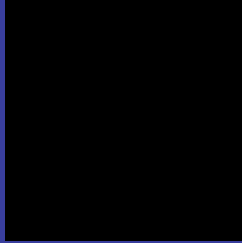
Any Text WCAG AA × Fail

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 393E9D Background



This preview shows how black text looks on a background with the Hex color 393E9D.



This preview shows how white text looks on a background with the Hex color 393E9D.

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
393E9D

Protanopia
004796

Deuteranopia
004B81



Tritanopia
0A5158

Trichromacy



Original Color
393E9D

Protanomaly
154499

Deuteranomaly
15468B

Tritanomaly
1B4A71

Monochromacy



Original Color
393E9D

Achromatopsia
474747

Achromatomaly
424466

CSS Examples

Text

The CSS property to change the color of the text to Hex 393E9D 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 #393E9D looks like.

```
.text, #text, p{  
    color:#393E9D  
}
```

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 #393E9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393E9D  
}
```

Border

The CSS property to change the border of an element to Hex 393E9D is called "border". The border property can be set on classes, ids or directly on the HTML element.

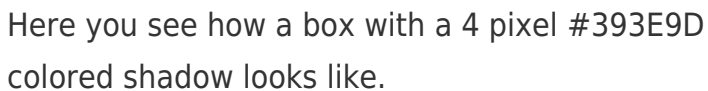
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#393E9D }
```

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

```
.border{ border-color:#393E9D }
```

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



Here you see how a box with a 4 pixel #393E9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393E9D; -webkit-box-shadow:4px 4px  
4px 4px #393E9D; box-shadow:4px 4px 4px  
4px #393E9D }
```

Background

The CSS property to change the background color of an element to Hex 393E9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393E9D }
```

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

```
.background{ background-color:#393E9D }
```

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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