

Converting Colors

Hex(393D9B)

Have a look what the booklet for
Hex(393D9B) contains.

Hex(393D9B)	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(393D9B)

Conversions

Conversions Part 1

Format	Color
Hex	393D9B
RGB	57, 61, 155
RGB Percent	22%, 24%, 61%
CMY	0.7765, 0.7608, 0.3922
CMYK	0.63, 0.61, 0.00, 0.39
HSL	238°, 46%, 42%
HSV	238°, 63%, 61%
XYZ	9.2725, 6.5739, 31.7905
YIQ	70.5200, -32.5580, 28.3860

Conversions

Conversions Part 2

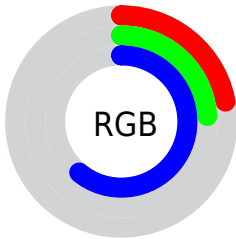
Format	Color
RYB	57, 61, 155
Decimal	3751323
CIELab	30.82, 28.38, -51.96
CIElCh	31, 59.207, 298.640
Yxy	6.5739, 0.1946, 0.1380
Android (android.graphics.Color)	4281941403 (0xFF393D9B)
YUV	70.5200, 41.6486, -11.8570
Hunter-Lab	25.6396, 19.6846, -55.5658

Details

The Hex color **393D9B** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9B9739**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **726DD2**, and **001367** is the 20% darker color. If you saturate the color by 10%, you get **2A2E9B**, and if you desaturate by 10%, it is **494C9B**.

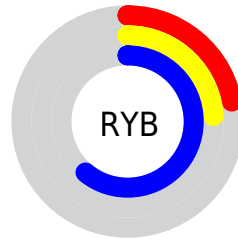
Distribution



Red (22%)

Green (24%)

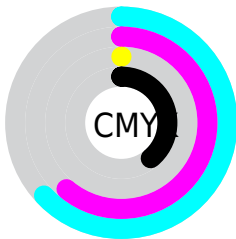
Blue (61%)



Red (22%)

Yellow (24%)

Blue (61%)

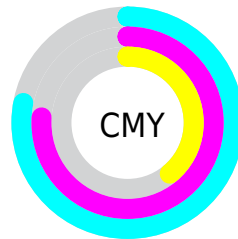


Cyan (63%)

Magenta (61%)

Yellow (0%)

Black (39%)



Cyan (78%)

Magenta (76%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 393D9B 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 393D9B by changing the saturation by 10% instead.

■ 393D9B

■ 393D9B

FFFFFF

■ 162780

■ 726DD2

■ 001367

■ 8F86EF

■ 00004E

■ ABA0FF

■ 000536

■ C8BBFF

■ 000220

■ E5D7FF

■ 000004

■ FFF3FF

■ 000000

■ 393D9B

■ 393D9B

■ 2A2E9B

■ 494C9B

■ 1A1F9B

■ 585B9B

■ 0B109B

■ 676A9B

■ 00069B

■ 77789B

■ 87879B

■ 96969B

■ A6A59B

■ B5B49B

■ C4C39B

Harmonies

Analogous

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



0050A7



393D9B



7C1E7A

Triad

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



393D9B



7E3100



005B45

Complementary

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



393D9B



9B9739

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.



005812



393D9B



5B4600

Square

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



393D9B



930C20



2E5200



005C74

Rectangle

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



393D9B



90005C



2E5200



005A35

Sweetspot

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



393D9B



A3A5C9



399B96



4F4F66



E6E6E6



666666

Same Dimension

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



393D9B



3037C9



65399B



45454D



00068C



00010D

Inverse Universe

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



9B393D



C93037



6F9B39



4D4545



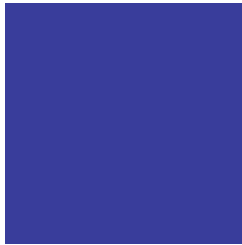
8C0006



0D0001

Previews

White Background



This preview shows how the Hex color 393D9B looks on a white background.

Color Contrast Check

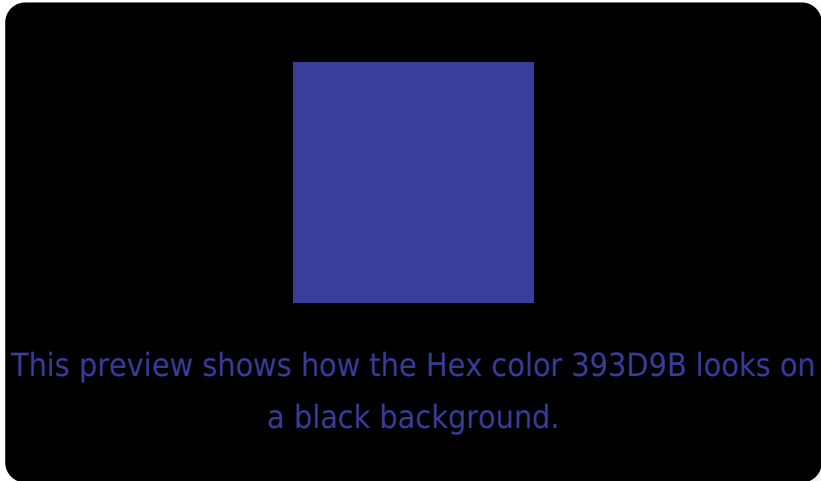
Large Text (above 18pt) WCAG AA ✓ Pass

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 393D9B Background



This preview shows how black text looks on a background with the Hex color 393D9B.

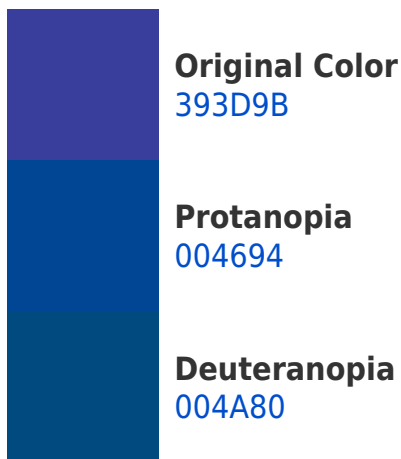


This preview shows how white text looks on a background with the Hex color 393D9B.

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



Trichromacy



Original Color
393D9B

Protanomaly
154397

Deuteranomaly
15458A

Tritanomaly
1E4970

Monochromacy



Original Color
393D9B

Achromatopsia
474747

Achromatomaly
424366

CSS Examples

Text

The CSS property to change the color of the text to Hex 393D9B 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 #393D9B looks like.

```
.text, #text, p{  
    color:#393D9B  
}
```

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 #393D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393D9B
}
```

Border

The CSS property to change the border of an element to Hex 393D9B 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
#393D9B }
```

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

```
.border{ border-color:#393D9B }
```

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

Here you see how a box with a 4 pixel #393D9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393D9B; -webkit-box-shadow:4px 4px  
4px 4px #393D9B; box-shadow:4px 4px 4px  
4px #393D9B }
```

Background

The CSS property to change the background color of an element to Hex 393D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393D9B }
```

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

```
.background{ background-color:#393D9B }
```

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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