

Converting Colors

Hex(393D97)

Have a look what the booklet for
Hex(393D97) contains.

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Color

Hex(393D97)

Conversions

Conversions Part 1

Format	Color
Hex	393D97
RGB	57, 61, 151
RGB Percent	22%, 24%, 59%
CMY	0.7765, 0.7608, 0.4078
CMYK	0.62, 0.60, 0.00, 0.41
HSL	237°, 45%, 41%
HSV	237°, 62%, 59%
XYZ	8.9420, 6.4417, 30.0502
YIQ	70.0640, -31.2740, 27.1420

Conversions

Conversions Part 2

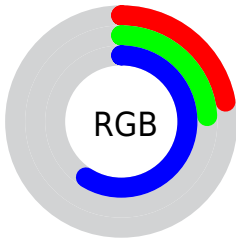
Format	Color
RYB	57, 61, 151
Decimal	3751319
CIELab	30.50, 26.97, -50.04
CIElCh	31, 56.847, 298.325
Yxy	6.4417, 0.1968, 0.1418
Android (android.graphics.Color)	4281941399 (0xFF393D97)
YUV	70.0640, 39.9014, -11.4571
Hunter-Lab	25.3805, 18.4727, -52.4323

Details

The Hex color **393D97** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **979339**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **726CCE**, and **001363** is the 20% darker color. If you saturate the color by 10%, you get **2A2F97**, and if you desaturate by 10%, it is **484B97**.

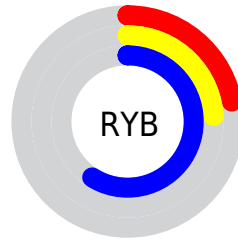
Distribution



Red (22%)

Green (24%)

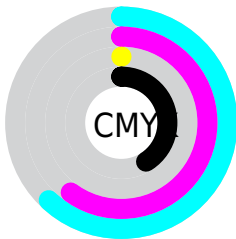
Blue (59%)



Red (22%)

Yellow (24%)

Blue (59%)

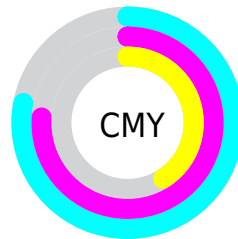


Cyan (62%)

Magenta (60%)

Yellow (0%)

Black (41%)



Cyan (78%)

Magenta (76%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Hex color 393D97 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 393D97 by changing the saturation by 10% instead.

 393D97

 393D97

FFFFFF

 17277D

 726CCE

 001363

 8E86EB

 00004B

 AAA0FF

 000433

 C7BBFF

 00021D

 E4D7FF

 000000

 FFF3FF

 393D97

 393D97

 2A2F97

 484B97

■ 1B2097

■ 575A97

■ 0C1297

■ 666897

■ 000697

■ 757797

■ 848597

■ 949497

■ A3A297

■ B2B197

■ C1BF97

Harmonies

Analogous

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



004FA2



393D97



792177

Triad

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



393D97



7C3100



005A44

Complementary

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



393D97



979339

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.



005713



393D97



5B4500

Square

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



393D97



901221



2F5100



005A71

Rectangle

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



393D97



8C055B



2F5100



005934

Sweetspot

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



393D97



9FA1C4



399792



4D4E63



E3E3E3



636363

Same Dimension

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



393D97



3137C4



633997



45454D



00068C



00010D

Inverse Universe

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



97393D



C43137



6D9739



4D4545



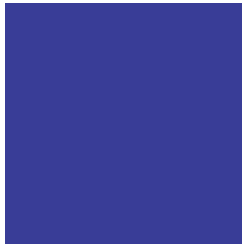
8C0006



0D0001

Previews

White Background



This preview shows how the Hex color 393D97 looks on a white background.

Color Contrast Check

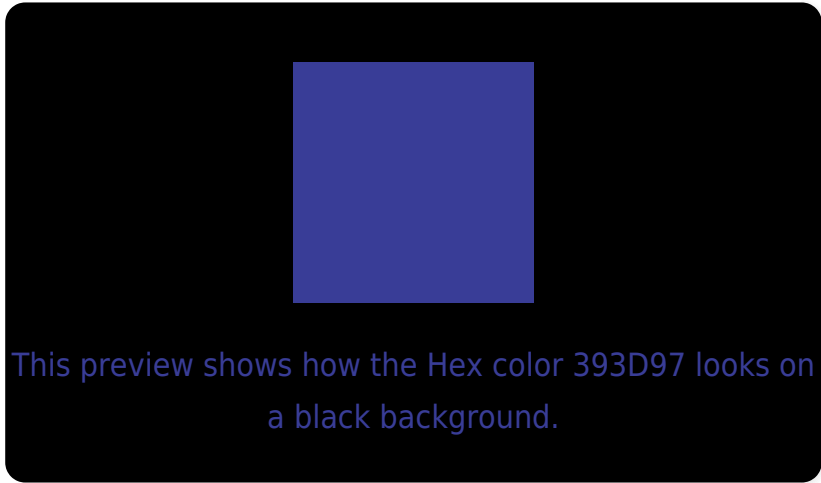
Large Text (above 18pt) WCAG AA ✓ Pass

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

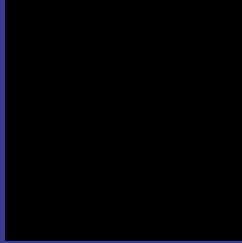
Any Text WCAG AA × Fail

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 393D97 Background



This preview shows how black text looks on a background with the Hex color 393D97.



This preview shows how white text looks on a background with the Hex color 393D97.

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
393D97

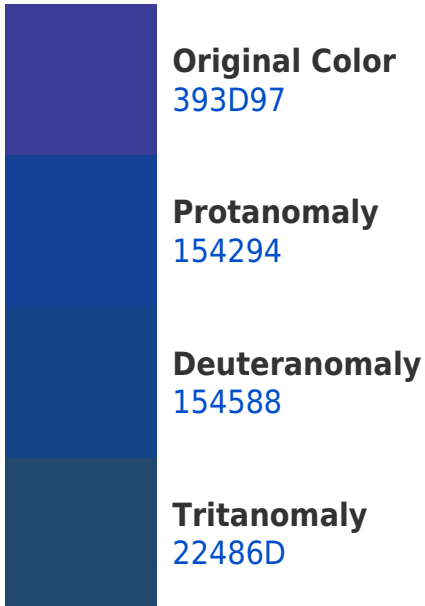
Protanopia
004593

Deuteranopia
004A7F



Tritanopia
154F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 393D97 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 #393D97 looks like.

```
.text, #text, p{  
    color:#393D97  
}
```

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 #393D97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393D97
}
```

Border

The CSS property to change the border of an element to Hex 393D97 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
#393D97 }
```

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

```
.border{ border-color:#393D97 }
```

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

Here you see how a box with a 4 pixel #393D97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393D97; -webkit-box-shadow:4px 4px  
4px 4px #393D97; box-shadow:4px 4px 4px  
4px #393D97 }
```

Background

The CSS property to change the background color of an element to Hex 393D97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393D97 }
```

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

```
.background{ background-color:#393D97 }
```

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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