

Converting Colors

Hex(393BB3)

Have a look what the booklet for
Hex(393BB3) contains.

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Color

Hex(393BB3)

Conversions

Conversions Part 1

Format	Color
Hex	393BB3
RGB	57, 59, 179
RGB Percent	22%, 23%, 70%
CMY	0.7765, 0.7686, 0.2980
CMYK	0.68, 0.67, 0.00, 0.30
HSL	239°, 52%, 46%
HSV	239°, 68%, 70%
XYZ	11.3880, 7.2525, 43.4475
YIQ	72.0820, -39.7120, 36.8960

Conversions

Conversions Part 2

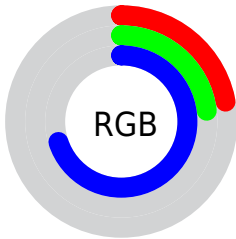
Format	Color
RYB	57, 59, 179
Decimal	3750835
CIELab	32.37, 37.98, -63.84
CIElCh	32, 74.282, 300.752
Yxy	7.2525, 0.1834, 0.1168
Android (android.graphics.Color)	4281940915 (0xFF393BB3)
YUV	72.0820, 52.7106, -13.2269
Hunter-Lab	26.9304, 28.3537, -76.8028

Details

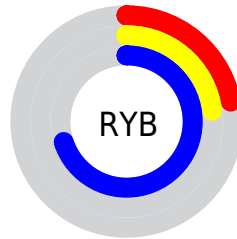
The Hex color **393BB3** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B3B139**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **776BEC**, and **00107D** is the 20% darker color. If you saturate the color by 10%, you get **2729B3**, and if you desaturate by 10%, it is **4B4DB3**.

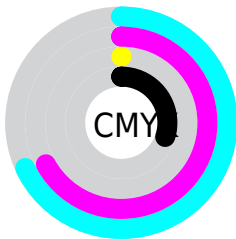
Distribution



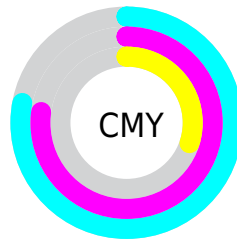
- Red (22%)
- Green (23%)
- Blue (70%)



- Red (22%)
- Yellow (23%)
- Blue (70%)



- Cyan (68%)
- Magenta (67%)
- Yellow (0%)
- Black (30%)



- Cyan (78%)
- Magenta (77%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 393BB3 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 393BB3 by changing the saturation by 10% instead.

 393BB3

 393BB3

FFFFFF

 082598

 776BEC

 00107D

 9584FF

 000063

 B29FFF

 00054A

 D0BAFF

 000433

 EED6FF

 00021D

 FFF2FF

 000000

 393BB3

 393BB3

 2729B3

 4B4DB3

■ 1518B3

■ 5D5EB3

■ 0306B3

■ 6F70B3

■ 0003B3

■ 8181B3

■ 9393B3

■ A4A5B3

■ B6B6B3

■ C8C8B3

■ DAD9B3

Harmonies

Analogous

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



0055C4



393BB3



8F0087

Triad

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



393BB3



892F00



00624C

Complementary

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



393BB3



B3B139

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.



005F05



393BB3



5D4B00

Square

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



393BB3



A60014



1B5900



006387

Rectangle

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



393BB3



A60061



1B5900



006137

Sweetspot

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



393BB3



BABAE8



39B3B1



595A75



F5F5F5



757575

Same Dimension

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



393BB3



2A2DE8



7439B3



505059



000399



00001A

Inverse Universe

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



B3393B



E82A2D



78B339



595050



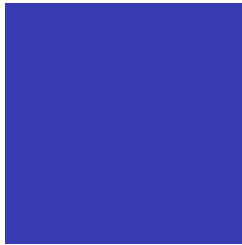
990003



1A0000

Previews

White Background



This preview shows how the Hex color 393BB3 looks on a white background.

Color Contrast Check

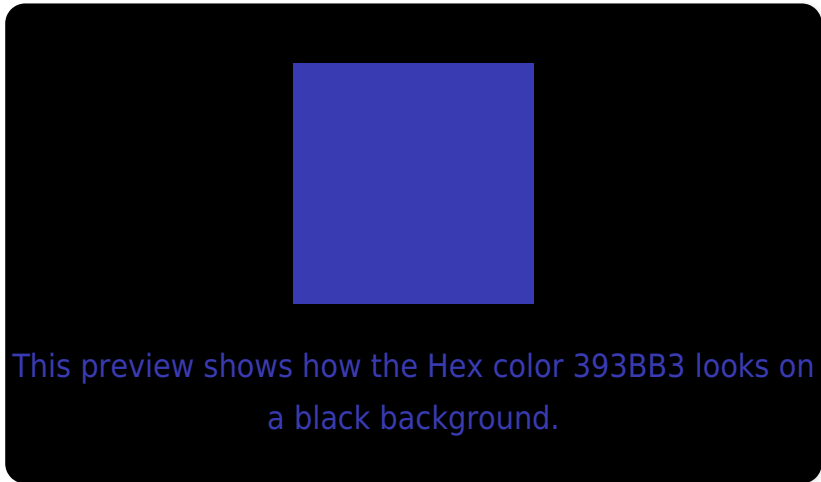
Large Text (above 18pt) WCAG AA ✓ Pass

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

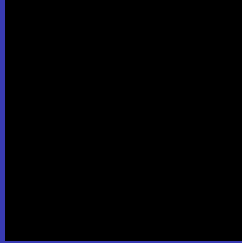
Any Text WCAG AA × Fail

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 393BB3 Background



This preview shows how black text looks on a background with the Hex color 393BB3.

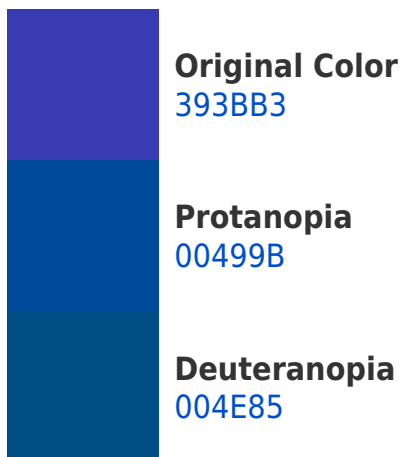


This preview shows how white text looks on a background with the Hex color 393BB3.

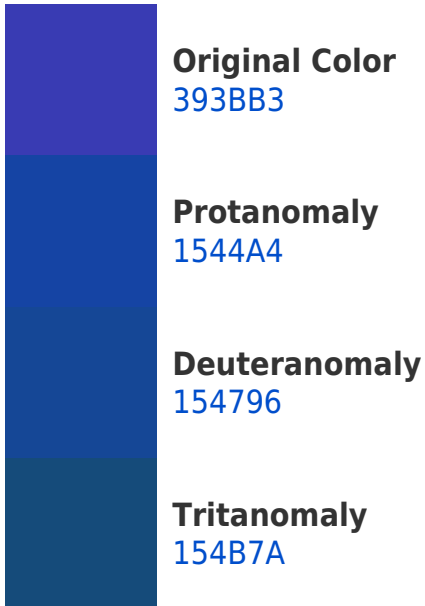
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 393BB3 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 #393BB3 looks like.

```
.text, #text, p{  
    color:#393BB3  
}
```

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 #393BB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393BB3
}
```

Border

The CSS property to change the border of an element to Hex 393BB3 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
#393BB3 }
```

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

```
.border{ border-color:#393BB3 }
```

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

Here you see how a box with a 4 pixel #393BB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393BB3; -webkit-box-shadow:4px 4px  
4px 4px #393BB3; box-shadow:4px 4px 4px  
4px #393BB3 }
```

Background

The CSS property to change the background color of an element to Hex 393BB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393BB3 }
```

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

```
.background{ background-color:#393BB3 }
```

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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