

Converting Colors

Hex(393EB2)

Have a look what the booklet for
Hex(393EB2) contains.

Hex(393EB2)	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(393EB2)

Conversions

Conversions Part 1

Format	Color
Hex	393EB2
RGB	57, 62, 178
RGB Percent	22%, 24%, 70%
CMY	0.7765, 0.7569, 0.3020
CMYK	0.68, 0.65, 0.00, 0.30
HSL	238°, 51%, 46%
HSV	238°, 68%, 70%
XYZ	11.4458, 7.5295, 42.9695
YIQ	73.7290, -40.2160, 35.0160

Conversions

Conversions Part 2

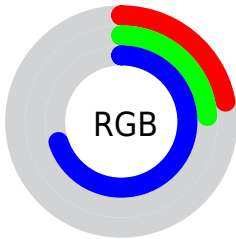
Format	Color
R_{YB}	57, 62, 178
Decimal	3751602
CIE _{Lab}	32.98, 35.78, -62.25
CIE _{LCh}	33, 71.796, 299.889
Yxy	7.5295, 0.1848, 0.1216
Android (android.graphics.Color)	4281941682 (0xFF393EB2)
YUV	73.7290, 51.4056, -14.6713
Hunter-Lab	27.4399, 26.4370, -73.6375

Details

The Hex color **393EB2** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B2AD39**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **776EEB**, and **00137C** is the 20% darker color. If you saturate the color by 10%, you get **272DB2**, and if you desaturate by 10%, it is **4B4FB2**.

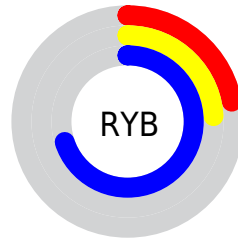
Distribution



Red (22%)

Green (24%)

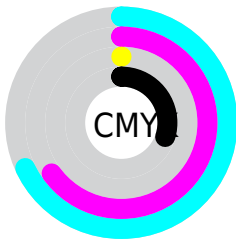
Blue (70%)



Red (22%)

Yellow (24%)

Blue (70%)

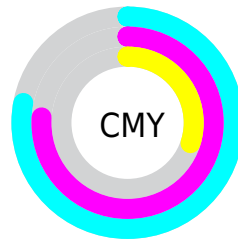


Cyan (68%)

Magenta (65%)

Yellow (0%)

Black (30%)



Cyan (78%)

Magenta (76%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 393EB2 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 393EB2 by changing the saturation by 10% instead.

 393EB2

 393EB2

FFFFFF

 0A2897

 776EEB

 00137C

 9487FF

 000062

 B1A2FF

 00044A

 CFBDFE

 000432

 EDD9FF

 00021C

 FFF5FF

 000000

 393EB2

 393EB2

 272DB2

 4B4FB2

■ 151CB2

■ 5D60B2

■ 040BB2

■ 6E71B2

■ 0007B2

■ 8082B2

■ 9293B2

■ A4A4B2

■ B6B5B2

■ C7C7B2

■ D9D8B2

Harmonies

Analogous

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



0056C2



393EB2



8D0388

Triad

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



393EB2



8B3000



00634C

Complementary

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



393EB2



B2AD39

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.



006008



393EB2



604C00

Square

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



393EB2



A60019



235A00



006485

Rectangle

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



393EB2



A40063



235A00



006238

Sweetspot

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



393EB2



BABCE8



39B2AC



595A75



F5F5F5



757575

Same Dimension

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



393EB2



2A32E8



6F39B2



505159



000699



00011A

Inverse Universe

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



B2393E



E82A32



7CB239



595051



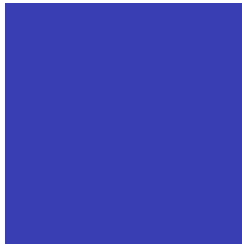
990006



1A0001

Previews

White Background



This preview shows how the Hex color 393EB2 looks on a white background.

Color Contrast Check

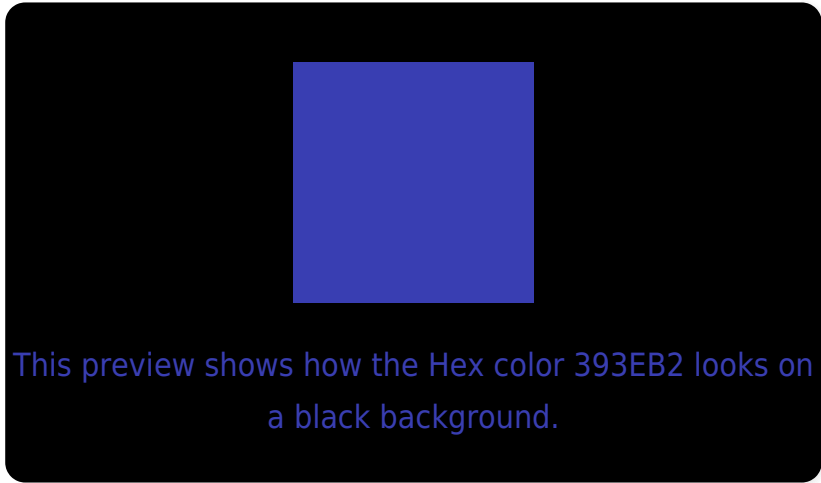
Large Text (above 18pt) WCAG AA ✓ Pass

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

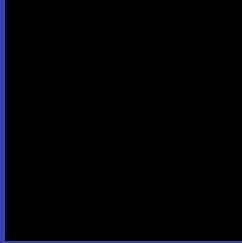
Any Text WCAG AA × Fail

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 393EB2 Background



This preview shows how black text looks on a background with the Hex color 393EB2.

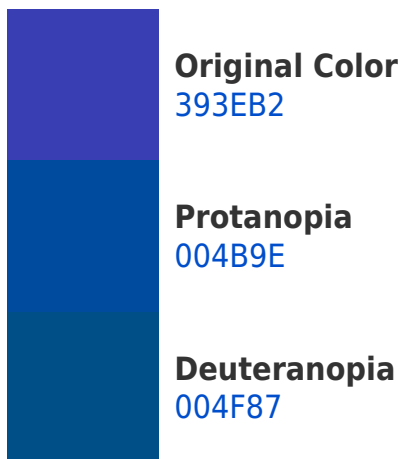


This preview shows how white text looks on a background with the Hex color 393EB2.

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
393EB2

Protanomaly
1546A5

Deuteranomaly
154997

Tritanomaly
154D7B

Monochromacy



Original Color
393EB2

Achromatopsia
4A4A4A

Achromatomaly
444670

CSS Examples

Text

The CSS property to change the color of the text to Hex 393EB2 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 #393EB2 looks like.

```
.text, #text, p{  
    color:#393EB2  
}
```

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 #393EB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393EB2
}
```

Border

The CSS property to change the border of an element to Hex 393EB2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

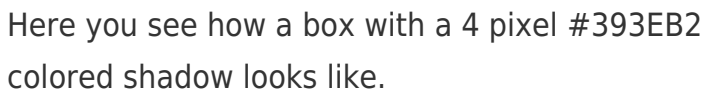
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#393EB2 }
```

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

```
.border{ border-color:#393EB2 }
```

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



Here you see how a box with a 4 pixel #393EB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393EB2; -webkit-box-shadow:4px 4px  
4px 4px #393EB2; box-shadow:4px 4px 4px  
4px #393EB2 }
```

Background

The CSS property to change the background color of an element to Hex 393EB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393EB2 }
```

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

```
.background{ background-color:#393EB2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor