

Converting Colors

Hex(393DCF)

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

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Color

Hex(393DCF)

Conversions

Conversions Part 1

Format	Color
Hex	393DCF
RGB	57, 61, 207
RGB Percent	22%, 24%, 81%
CMY	0.7765, 0.7608, 0.1882
CMYK	0.72, 0.71, 0.00, 0.19
HSL	238°, 61%, 52%
HSV	238°, 72%, 81%
XYZ	14.6186, 8.7123, 59.9426
YIQ	76.4480, -49.2500, 44.5580

Conversions

Conversions Part 2

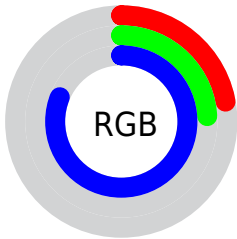
Format	Color
RYB	57, 61, 207
Decimal	3751375
CIELab	35.42, 46.23, -75.25
CIELCh	35, 88.322, 301.566
Yxy	8.7123, 0.1755, 0.1046
Android (android.graphics.Color)	4281941455 (0xFF393DCF)
YUV	76.4480, 64.3621, -17.0559
Hunter-Lab	29.5167, 36.7506, -99.7449

Details

The Hex color **393DCF** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **CFCB39**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7D6EFF**, and **001097** is the 20% darker color. If you saturate the color by 10%, you get **2429CF**, and if you desaturate by 10%, it is **4E51CF**.

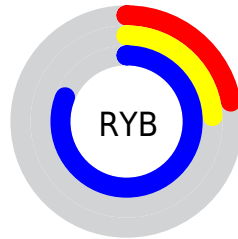
Distribution



Red (22%)

Green (24%)

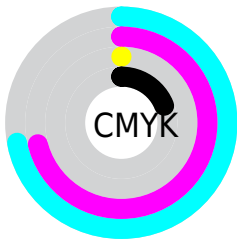
Blue (81%)



Red (22%)

Yellow (24%)

Blue (81%)

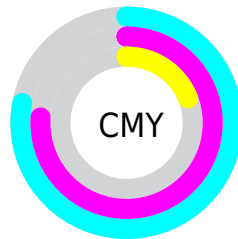


Cyan (72%)

Magenta (71%)

Yellow (0%)

Black (19%)



Cyan (78%)

Magenta (76%)

Yellow (19%)

Brightness & Saturation Gradients

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

 393DCF

 393DCF

FFFFFF

 0026B3

 7D6EFF

 001097

 9C87FF

 00007C

 BAA2FF

 000063

 D9BDFF

 000949

 F8D9FF

 000432

 FFF6FF

 00021C

 000000

 393DCF

 393DCF

■ 2429CF

■ 4E51CF

■ 1015CF

■ 6265CF

■ 0006CF

■ 7779CF

■ 8C8ECF

■ A1A2CF

■ B5B6CF

■ CACACF

■ DFDECF

■ F3F2CF

Harmonies

Analogous

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



005EE5



393DCF



A50098

Triad

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



393DCF



992F00



006C55

Complementary

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



393DCF



CFCB39

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.



006900



393DCF



635300

Square

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



393DCF



BC000E



006300



006D9D

Rectangle

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



393DCF



BF006B



006300



006B3C

Sweetspot

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



393DCF



C7C8FF



39CFCA



5E5F80



000000



808080

Same Dimension

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



393DCF



2127FF



7F39CF



5E5E69



0004A8



000129

Inverse Universe

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



CF393D



FF2127



89CF39



695E5E



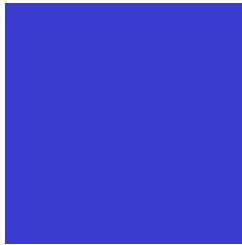
A80004



290001

Previews

White Background



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

Color Contrast Check

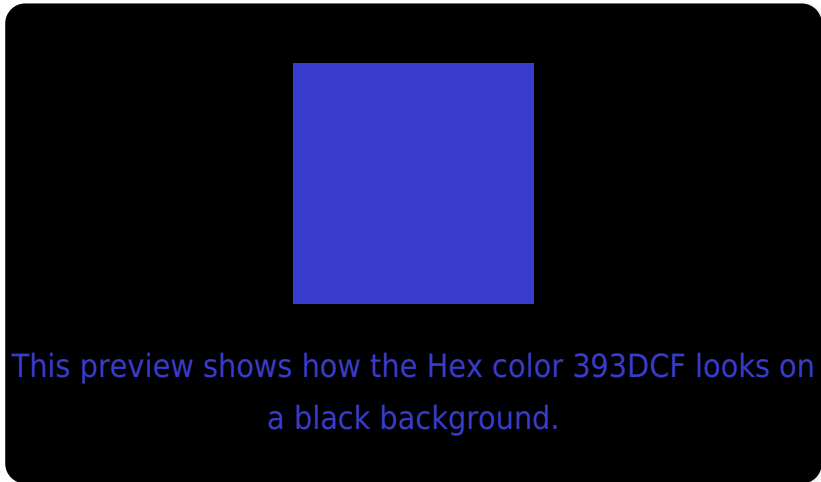
Large Text (above 18pt) WCAG AA ✓ Pass

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

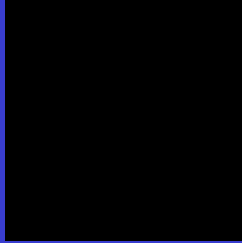
Any Text WCAG AA × Fail

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 393DCF Background



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

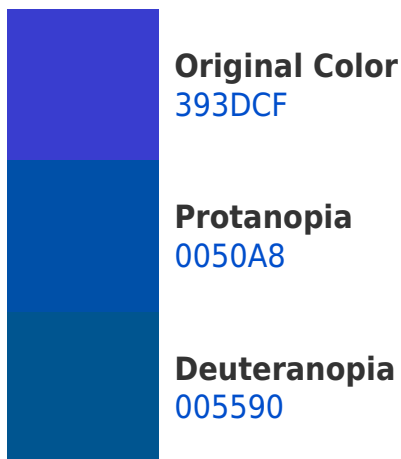


This preview shows how white text looks on a background with the Hex color 393DCF.

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
393DCF

Protanomaly
1549B6

Deuteranomaly
154CA7

Tritanomaly
15518A

Monochromacy



Original Color
393DCF

Achromatopsia
4C4C4C

Achromatomaly
45477C

CSS Examples

Text

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

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

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 #393DCF colored shadow looks like.

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

Border

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

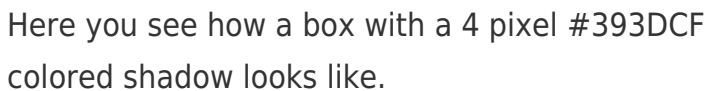
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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