

Converting Colors

Hex(2393CA)

Have a look what the booklet for
Hex(2393CA) contains.

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Color

Hex(2393CA)

Conversions

Conversions Part 1

Format	Color
Hex	2393CA
RGB	35, 147, 202
RGB Percent	14%, 58%, 79%
CMY	0.8627, 0.4235, 0.2078
CMYK	0.83, 0.27, 0.00, 0.21
HSL	200°, 70%, 46%
HSV	200°, 83%, 79%
XYZ	21.7875, 25.4890, 59.6487
YIQ	119.7820, -84.4070, -6.6390

Conversions

Conversions Part 2

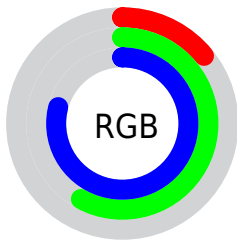
Format	Color
R_{YB}	35, 102, 202
Decimal	2331594
CIE _{Lab}	57.55, -11.02, -36.84
CIE _{LCh}	58, 38.452, 253.350
Yxy	25.4890, 0.2038, 0.2384
Android (android.graphics.Color)	4280521674 (0xFF2393CA)
YUV	119.7820, 40.5335, -74.3538
Hunter-Lab	50.4867, -11.3200, -34.7089

Details

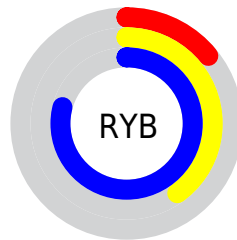
The Hex color **2393CA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **CA5A23**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6DC9FF**, and **006194** is the 20% darker color. If you saturate the color by 10%, you get **0F8CCA**, and if you desaturate by 10%, it is **379ACA**.

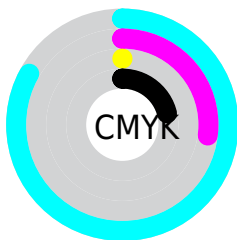
Distribution



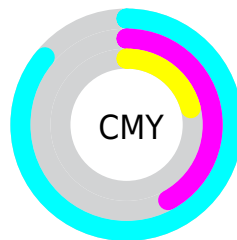
- Red (14%)
- Green (58%)
- Blue (79%)



- Red (14%)
- Yellow (40%)
- Blue (79%)



- Cyan (83%)
- Magenta (27%)
- Yellow (0%)
- Black (21%)



- Cyan (86%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2393CA 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 2393CA by changing the saturation by 10% instead.

 2393CA

 2393CA

FFFFFF

 0079AE

 6DC9FF

 006194

 8CE5FF

 00497A

 AAFFFF

 003360

 C8FFFF

 001E48

 E7FFFF

 000432

 00011C

 000000

 2393CA

 2393CA

■ 0F8CCA

■ 379ACA

■ 0087CA

■ 4BA0CA

■ 60A7CA

■ 74AECA

■ 88B4CA

■ 9CBBCA

■ B0C2CA

■ C5C8CA

■ D9CFCA

Harmonies

Analogous

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



0099B7



2393CA



7088CB

Triad

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



2393CA



CB6F7C



6B9558

Complementary

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



2393CA



CA5A23

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.



908D47



2393CA



C4765E

Square

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



2393CA



BF719E



AF824A



3C9A76

Rectangle

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



2393CA



9280C2



AF824A



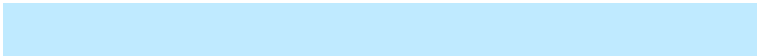
789350

Sweetspot

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



2393CA



BFEAFF



23CA58



597380



000000



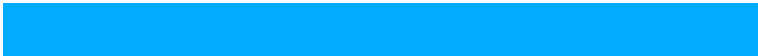
808080

Same Dimension

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



2393CA



03ACFF



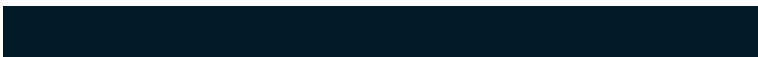
2342CA



5C6366



006FA6



001A26

Inverse Universe

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



CA2393



FF03AC



CAAB23



665C63



A6006F



26001A

Previews

White Background



This preview shows how the Hex color 2393CA looks on a white background.

Color Contrast Check

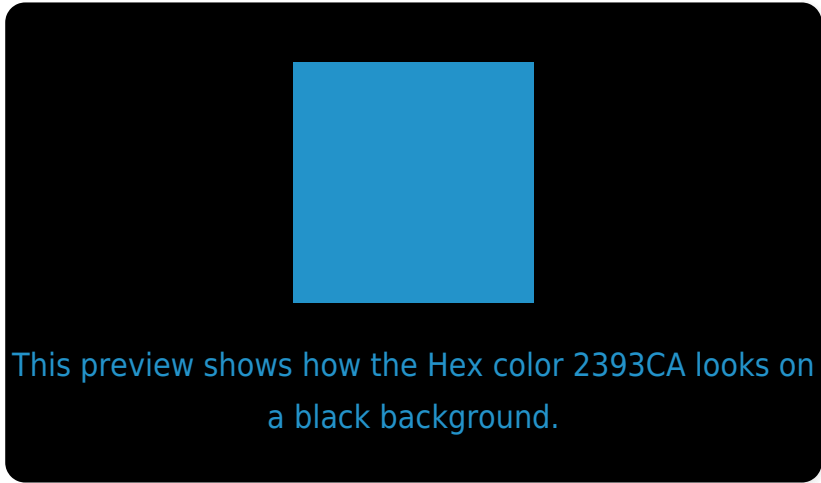
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

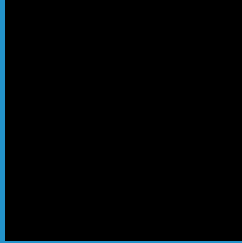
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2393CA Background



This preview shows how black text looks on a background with the Hex color 2393CA.

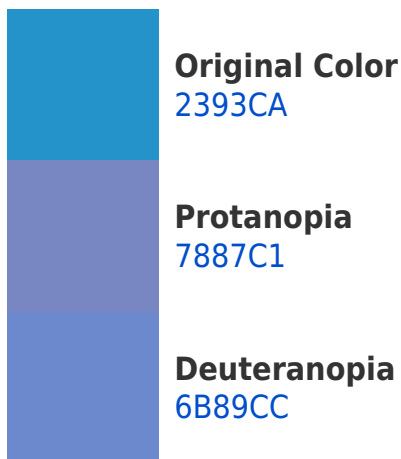


This preview shows how white text looks on a background with the Hex color 2393CA.

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](#).

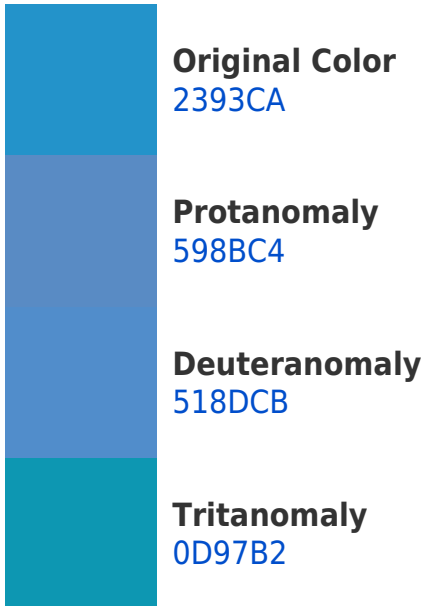
Dichromacy



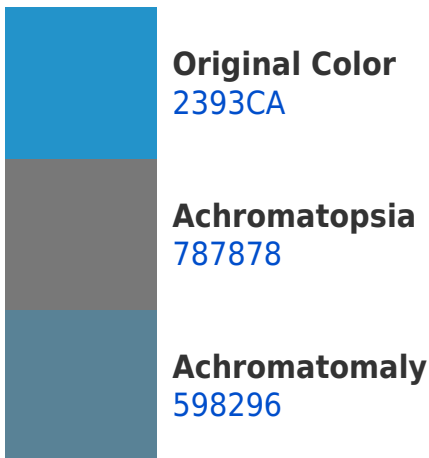


Tritanopia
0099A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2393CA 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 #2393CA looks like.

```
.text, #text, p{  
    color:#2393CA  
}
```

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 #2393CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2393CA
}
```

Border

The CSS property to change the border of an element to Hex 2393CA 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
#2393CA }
```

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

```
.border{ border-color:#2393CA }
```

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

Here you see how a box with a 4 pixel #2393CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2393CA; -webkit-box-shadow:4px 4px  
4px 4px #2393CA; box-shadow:4px 4px 4px  
4px #2393CA }
```

Background

The CSS property to change the background color of an element to Hex 2393CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2393CA }
```

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

```
.background{ background-color:#2393CA }
```

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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