

# Converting Colors

Hex(2395DA)

Have a look what the booklet for  
Hex(2395DA) contains.

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# Color

**Hex(2395DA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2395DA
RGB	35, 149, 218
RGB Percent	14%, 58%, 85%
CMY	0.8627, 0.4157, 0.1451
CMYK	0.84, 0.32, 0.00, 0.15
HSL	203°, 72%, 50%
HSV	203°, 84%, 85%
XYZ	24.0955, 26.9142, 70.2547
YIQ	122.7800, -90.0930, -2.7090

# Conversions

## Conversions Part 2

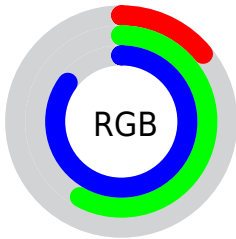
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	35, 105, 218
Decimal	2332122
CIE Lab	58.89, -6.37, -43.69
CIE LCh	59, 44.157, 261.700
Yxy	26.9142, 0.1987, 0.2219
Android (android.graphics.Color)	4280522202 (0xFF2395DA)
YUV	122.7800, 46.9435, -76.9831
Hunter-Lab	51.8789, -7.8826, -43.9756

# Details

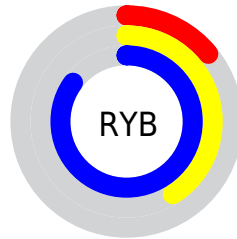
The Hex color **2395DA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **DA6823**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **70CBFF**, and **0063A3** is the 20% darker color. If you saturate the color by 10%, you get **0D8DDA**, and if you desaturate by 10%, it is **399DDA**.

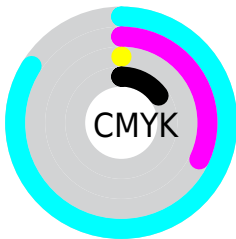
# Distribution



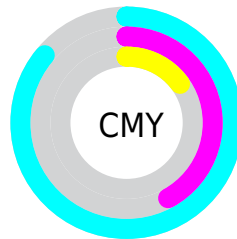
- Red (14%)
- Green (58%)
- Blue (85%)



- Red (14%)
- Yellow (41%)
- Blue (85%)



- Cyan (84%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (86%)
- Magenta (42%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2395DA 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 2395DA by changing the saturation by 10% instead.



 2395DA

 2395DA

FFFFFF

 007BBE

 70CBFF

 0063A3

 90E7FF

 004B88

 AEFFFF

 00356E

 CDFFFF

 002055

 ECFFFF

 00063E

 000327

 000111

 000000

■ 2395DA

■ 2395DA

■ 0D8DDA

■ 399DDA

■ 0088DA

■ 4FA5DA

■ 64AEDA

■ 7AB6DA

■ 90BEDA

■ A6C6DA

■ BCCFDA

■ D1D7DA

■ E7DFDA

# Harmonies

## Analogous

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



009ECA



2395DA



7F88D6

# Triad

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



2395DA



D66F73



5B9C5C

# Complementary

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



2395DA



DA6823

# 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.



899443



2395DA



C97A52

# Square

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



2395DA



D06E9A



AE883F



00A181

# Rectangle

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



2395DA



A47EC8



AE883F



6C9A52

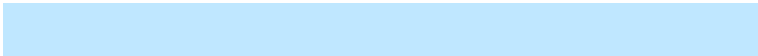


# Sweetspot

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



2395DA



BFE7FF



23DA66



597180



000000



808080

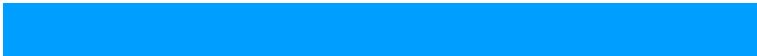


# Same Dimension

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



2395DA



009FFF



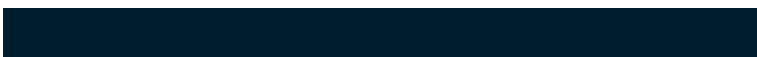
233BDA



636A6E



006CAD



001D2E



# Inverse Universe

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



DA2395



FF009F



DAC223



6E636A



AD006C



2E001D



# Previews

## White Background



This preview shows how the Hex color 2395DA 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



This preview shows how the Hex color 2395DA looks on a 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

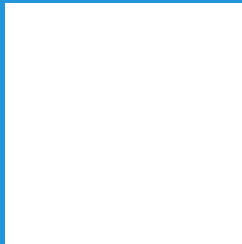
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2395DA Background



This preview shows how black text looks on a background with the Hex color 2395DA.

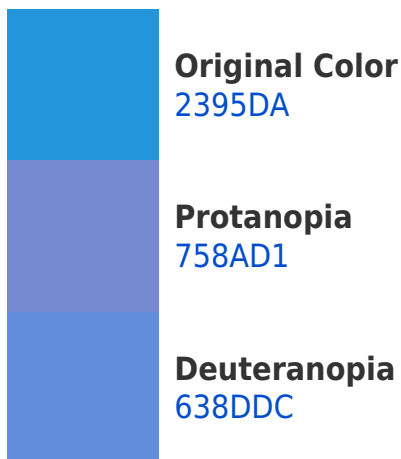


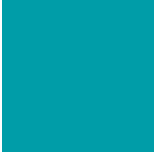
This preview shows how white text looks on a background with the Hex color 2395DA.

# 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](#).

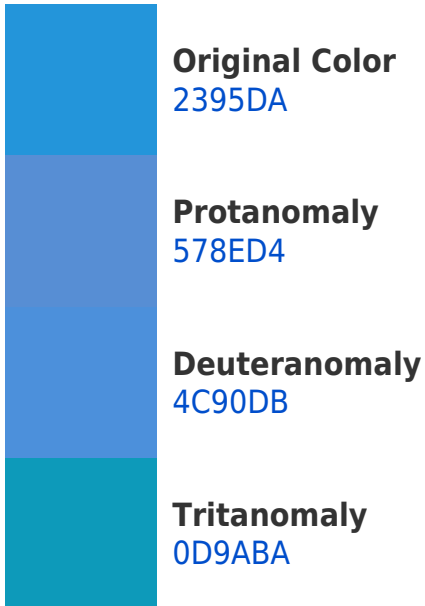
## Dichromacy



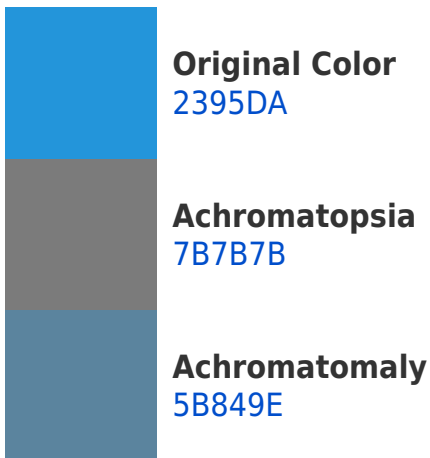


**Tritanopia**  
009DA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2395DA 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 #2395DA looks like.

```
.text, #text, p{  
    color:#2395DA  
}
```

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 #2395DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2395DA
}
```

## Border

The CSS property to change the border of an element to Hex 2395DA 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
#2395DA }
```

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

```
.border{ border-color:#2395DA }
```

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

Here you see how a box with a 4 pixel #2395DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2395DA; -webkit-box-shadow:4px 4px  
4px 4px #2395DA; box-shadow:4px 4px 4px  
4px #2395DA }
```

# Background

The CSS property to change the background color of an element to Hex 2395DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2395DA }
```

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

```
.background{ background-color:#2395DA }
```

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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