

Converting Colors

Hex(2395DB)

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

Hex(2395DB)	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(2395DB)

Conversions

Conversions Part 1

Format	Color
Hex	2395DB
RGB	35, 149, 219
RGB Percent	14%, 58%, 86%
CMY	0.8627, 0.4157, 0.1412
CMYK	0.84, 0.32, 0.00, 0.14
HSL	203°, 72%, 50%
HSV	203°, 84%, 86%
XYZ	24.2268, 26.9667, 70.9460
YIQ	122.8940, -90.4140, -2.3980

Conversions

Conversions Part 2

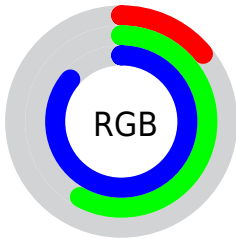
Format	Color
R_{YB}	35, 105, 219
Decimal	2332123
CIE _{Lab}	58.94, -6.01, -44.18
CIE _{LCh}	59, 44.582, 262.252
Yxy	26.9667, 0.1984, 0.2208
Android (android.graphics.Color)	4280522203 (0xFF2395DB)
YUV	122.8940, 47.3803, -77.0830
Hunter-Lab	51.9295, -7.6006, -44.6514

Details

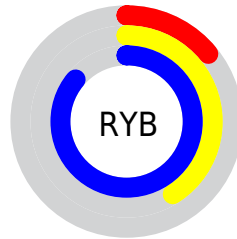
The Hex color **2395DB** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **DB6923**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **70CBFF**, and **0063A4** is the 20% darker color. If you saturate the color by 10%, you get **0D8DDB**, and if you desaturate by 10%, it is **399DDB**.

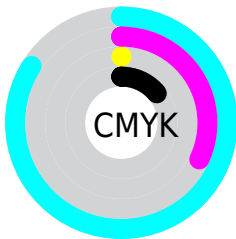
Distribution



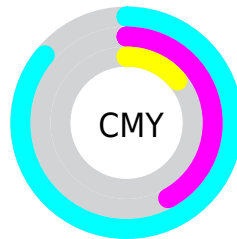
- Red (14%)
- Green (58%)
- Blue (86%)



- Red (14%)
- Yellow (41%)
- Blue (86%)



- Cyan (84%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (86%)
- Magenta (42%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 2395DB

 2395DB

FFFFFF

 007BBF

 70CBFF

 0063A4

 90E7FF

 004B89

 AFFFFF

 00356F

 CDFFFF

 002056

 ECFFFF

 00063F

 000328

 000111

 000000

■ 2395DB

■ 2395DB

■ 0D8DDB

■ 399DDB

■ 0088DB

■ 4FA6DB

■ 65AEDB

■ 7BB6DB

■ 91BFDB

■ A6C7DB

■ BCCFDB

■ D2D8DB

■ E8E0DB

Harmonies

Analogous

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



009ECB



2395DB



8088D6

Triad

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



2395DB



D76F72



599D5C

Complementary

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



2395DB



DB6923

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.



889442



2395DB



CA7A51

Square

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



2395DB



D16E9A



AE883E



00A182

Rectangle

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



2395DB



A67DC8



AE883E



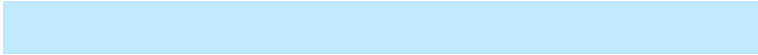
6A9A52

Sweetspot

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



2395DB



BFE7FF



23DB66



597180



000000



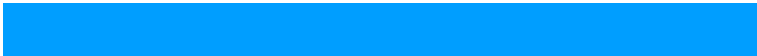
808080

Same Dimension

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



2395DB



009EFF



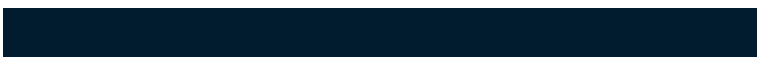
233CDB



63696E



006BAD



001C2E

Inverse Universe

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



DB2395



FF009E



DBC223



6E6369



AD006B



2E001C

Previews

White Background



This preview shows how the Hex color 2395DB looks on a white background.

Color Contrast Check

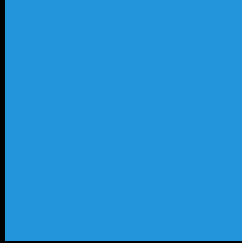
Large Text (above 18pt) WCAG AA ✓ Pass

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 2395DB 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

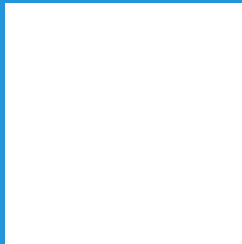
Any Text WCAG AAA × Fail

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

Hex 2395DB Background



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

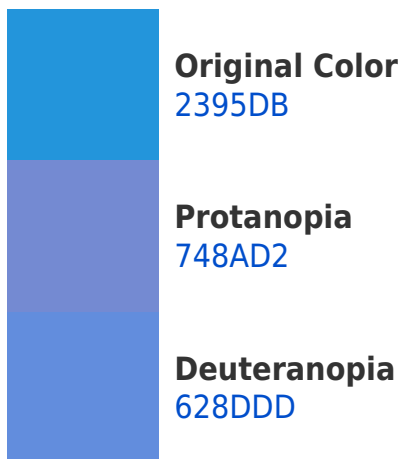


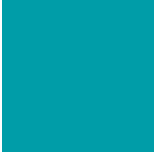
This preview shows how white text looks on a background with the Hex color 2395DB.

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

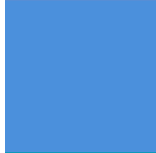
Trichromacy



Original Color
2395DB



Protanomaly
578ED5



Deuteranomaly
4B90DC



Tritanomaly
0D9ABB

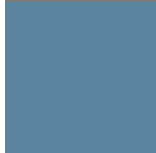
Monochromacy



Original Color
2395DB



Achromatopsia
7B7B7B



Achromatomaly
5B849E

CSS Examples

Text

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

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

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 #2395DB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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