

Converting Colors

Hex(4383DB)

Have a look what the booklet for
Hex(4383DB) contains.

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Color

Hex(4383DB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 4383DB |
| RGB | 67, 131, 219 |
| RGB Percent | 26%, 51%, 86% |
| CMY | 0.7373, 0.4863, 0.1412 |
| CMYK | 0.69, 0.40, 0.00, 0.14 |
| HSL | 215°, 68%, 56% |
| HSV | 215°, 69%, 86% |
| XYZ | 23.2172, 22.5404, 70.1449 |
| YIQ | 121.8960, -66.3920, 13.8000 |

Conversions

Conversions Part 2

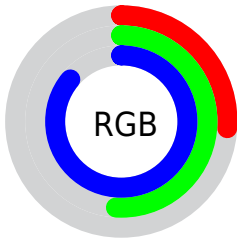
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 67, 112, 219 |
| Decimal | 4424667 |
| CIE Lab | 54.60, 8.26, -51.02 |
| CIE LCh | 55, 51.681, 279.201 |
| Yxy | 22.5404, 0.2003, 0.1945 |
| Android (android.graphics.Color) | 4282614747 (0xFF4383DB) |
| YUV | 121.8960, 47.8723, -48.1438 |
| Hunter-Lab | 47.4767, 4.2065, -54.3649 |

Details

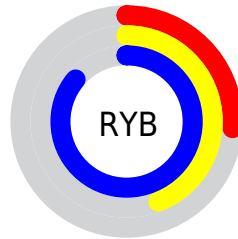
The Hex color **4383DB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **DB9B43**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **83B8FF**, and **0052A3** is the 20% darker color. If you saturate the color by 10%, you get **2D76DB**, and if you desaturate by 10%, it is **5990DB**.

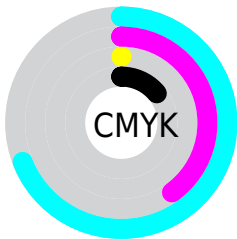
Distribution



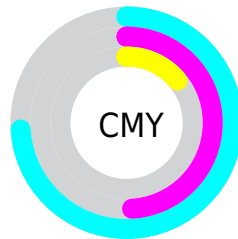
- Red (26%)
- Green (51%)
- Blue (86%)



- Red (26%)
- Yellow (44%)
- Blue (86%)



- Cyan (69%)
- Magenta (40%)
- Yellow (0%)
- Black (14%)



- Cyan (74%)
- Magenta (49%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4383DB 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 4383DB by changing the saturation by 10% instead.

 4383DB

 4383DB

FFFFFF

 166ABF

 83B8FF

 0052A3

 A1D3FF

 003C89

 BFEFFF

 00276F

 DDFFFF

 001356

 FBFFFF

 00063E

 000327

 000110

 000000

■ 4383DB

■ 4383DB

■ 2D76DB

■ 5990DB

■ 176ADB

■ 6F9CDB

■ 015DDB

■ 85A9DB

■ 005CDB

■ 9BB6DB

■ B1C2DB

■ C6CFDB

■ DCDCDB

■ F2E8DB

■ FFF5DB

Harmonies

Analogous

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



0090D6



4383DB



9771C8

Triad

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



4383DB



CD634C



009661

Complementary

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



4383DB



DB9B43

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.



5D9039



4383DB



B4752C

Square

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



4383DB



D45977



8E8522



009890

Rectangle

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



4383DB



B865B1



8E8522



2E9553

Sweetspot

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



4383DB



C9E0FF



43DB99



606D80



000000



808080

Same Dimension

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



4383DB



2B84FF



4D43DB



63676E



0049AD



00132E

Inverse Universe

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



DB4383



FF2B84



D1DB43



6E6367



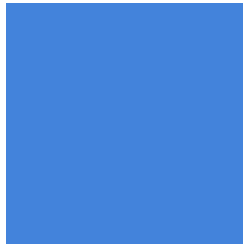
AD0049



2E0013

Previews

White Background



This preview shows how the Hex color 4383DB looks on a white background.

Color Contrast Check

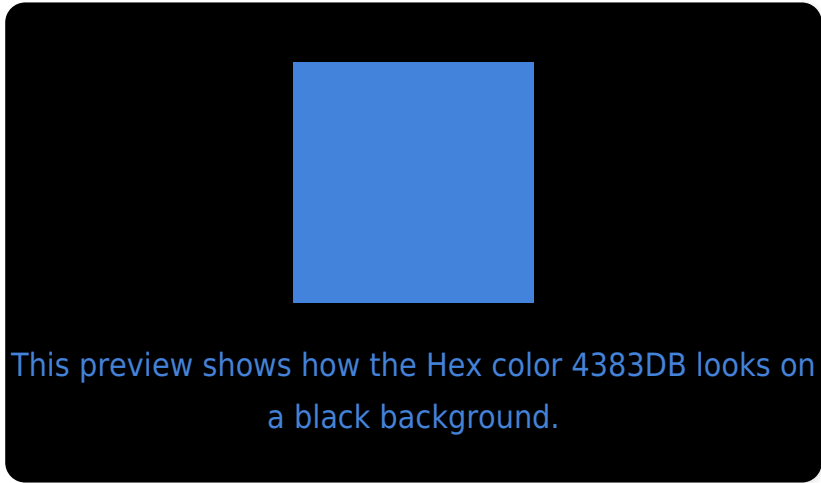
Large Text (above 18pt) WCAG AA ✓ Pass

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

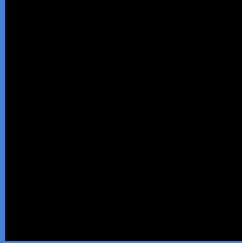
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

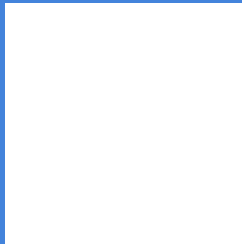
Any Text WCAG AAA × Fail

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

Hex 4383DB Background



This preview shows how black text looks on a background with the Hex color 4383DB.

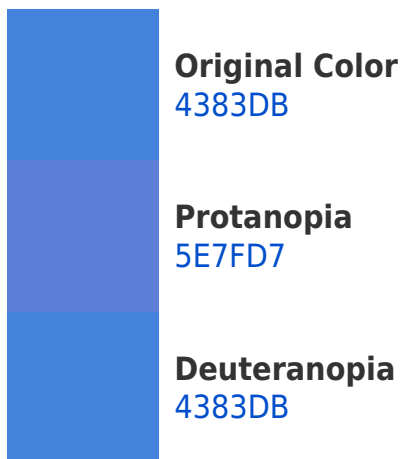


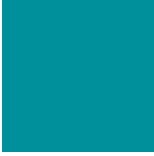
This preview shows how white text looks on a background with the Hex color 4383DB.

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](#).

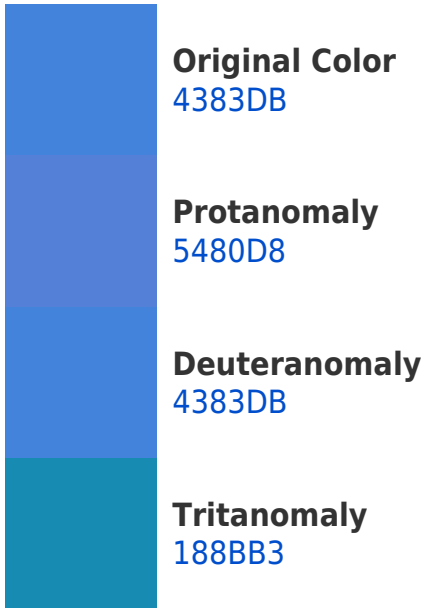
Dichromacy



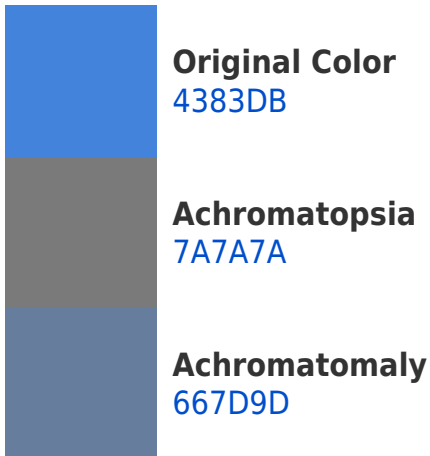


Tritanopia
00909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4383DB 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 #4383DB looks like.

```
.text, #text, p{  
    color:#4383DB  
}
```

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 #4383DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4383DB
}
```

Border

The CSS property to change the border of an element to Hex 4383DB 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
#4383DB }
```

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

```
.border{ border-color:#4383DB }
```

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

Here you see how a box with a 4 pixel #4383DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4383DB; -webkit-box-shadow:4px 4px  
4px 4px #4383DB; box-shadow:4px 4px 4px  
4px #4383DB }
```

Background

The CSS property to change the background color of an element to Hex 4383DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4383DB }
```

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

```
.background{ background-color:#4383DB }
```

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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