

Converting Colors

Hex(498FDB)

Have a look what the booklet for
Hex(498FDB) contains.

| | |
|------------------------------------------------|----|
| Hex(498FDB) | 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(498FDB)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 498FDB |
| RGB | 73, 143, 219 |
| RGB Percent | 29%, 56%, 86% |
| CMY | 0.7137, 0.4392, 0.1412 |
| CMYK | 0.67, 0.35, 0.00, 0.14 |
| HSL | 211°, 67%, 57% |
| HSV | 211°, 67%, 86% |
| XYZ | 25.3563, 26.1759, 70.7339 |
| YIQ | 130.7340, -66.1160, 8.7960 |

Conversions

Conversions Part 2

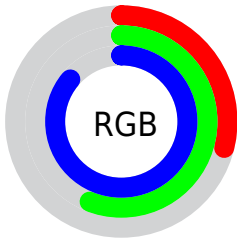
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 73, 120, 219 |
| Decimal | 4820955 |
| CIE _{Lab} | 58.20, 2.03, -45.28 |
| CIE _{LCh} | 58, 45.323, 272.568 |
| Yxy | 26.1759, 0.2074, 0.2141 |
| Android (android.graphics.Color) | 4283011035 (0xFF498FDB) |
| YUV | 130.7340, 43.5151, -50.6327 |
| Hunter-Lab | 51.1624, -1.0687, -46.1570 |

Details

The Hex color **498FDB** 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 **DB9549**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **87C4FF**, and **005DA4** is the 20% darker color. If you saturate the color by 10%, you get **3384DB**, and if you desaturate by 10%, it is **5F9ADB**.

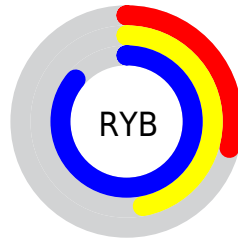
Distribution



Red (29%)

Green (56%)

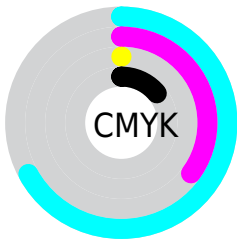
Blue (86%)



Red (29%)

Yellow (47%)

Blue (86%)

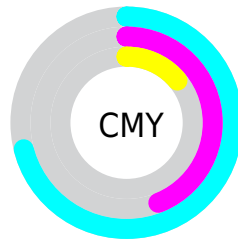


Cyan (67%)

Magenta (35%)

Yellow (0%)

Black (14%)



Cyan (71%)

Magenta (44%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 498FDB 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 498FDB by changing the saturation by 10% instead.

 498FDB

 498FDB

FFFFFF

 2276BF

 87C4FF

 005DA4

 A5E0FF

 004689

 C3FDFF

 00306F

 E1FFFF

 001C56

 00063E

 000328

 000111

 000000

■ 498FDB

■ 498FDB

■ 3384DB

■ 5F9ADB

■ 1D78DB

■ 75A6DB

■ 076DDB

■ 8BB1DB

■ 0069DB

■ A1BDDDB

■ B7C8DB

■ CCD3DB

■ E2DFDB

■ F8EADB

■ FFF6DB

Harmonies

Analogous

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



009AD2



498FDB



9380CF

Triad

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



498FDB



D36F63



419D66

Complementary

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



498FDB



DB9549

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.



779646



498FDB



C07D46

Square

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



498FDB



D46A8A



A08B39



00A08E

Rectangle

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



498FDB



B376BD



A08B39



569B5A

Sweetspot

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



498FDB



CCE4FF



49DB94



617080



000000



808080

Same Dimension

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



498FDB



3395FF



4B49DB



63686E



0053AD



00162E

Inverse Universe

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



DB498F



FF3395



D9DB49



6E6368



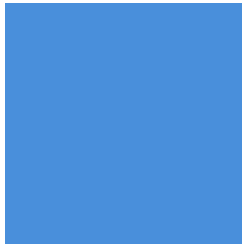
AD0053



2E0016

Previews

White Background



This preview shows how the Hex color 498FDB looks on a white background.

Color Contrast Check

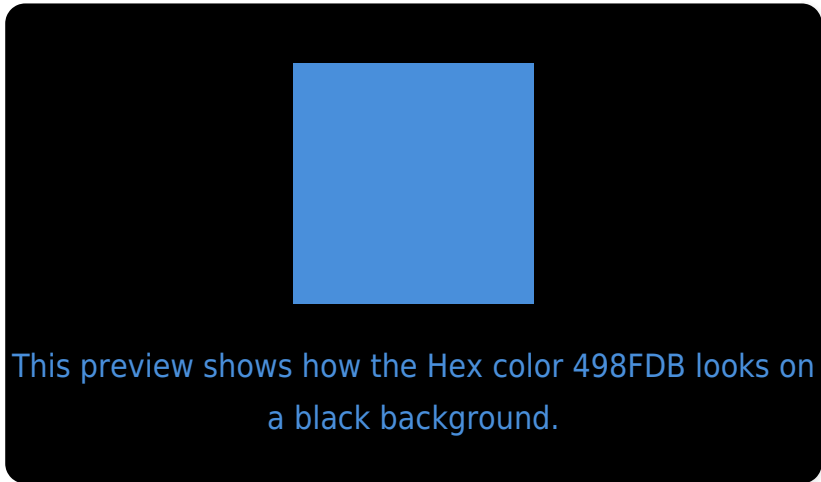
Large Text (above 18pt) WCAG AA ✓ Pass

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 498FDB Background



This preview shows how black text looks on a background with the Hex color 498FDB.

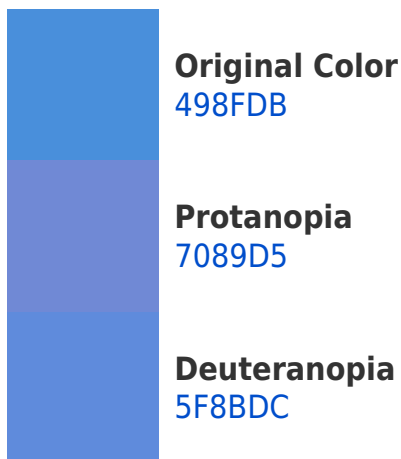


This preview shows how white text looks on a background with the Hex color 498FDB.

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](#).

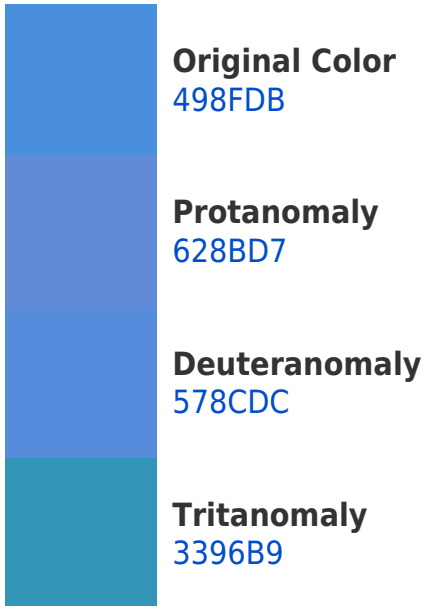
Dichromacy



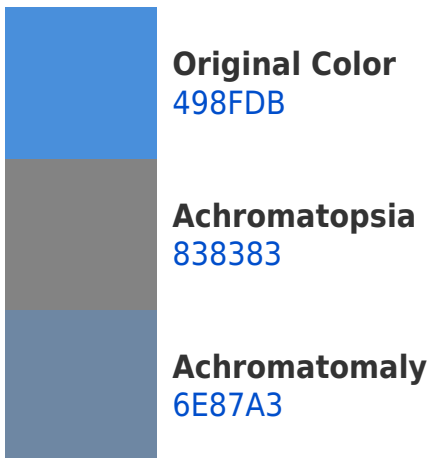


Tritanopia
279AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 498FDB 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 #498FDB looks like.

```
.text, #text, p{  
    color:#498FDB  
}
```

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 #498FDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #498FDB
}
```

Border

The CSS property to change the border of an element to Hex 498FDB 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
#498FDB }
```

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

```
.border{ border-color:#498FDB }
```

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

Here you see how a box with a 4 pixel #498FDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #498FDB; -webkit-box-shadow:4px 4px  
4px 4px #498FDB; box-shadow:4px 4px 4px  
4px #498FDB }
```

Background

The CSS property to change the background color of an element to Hex 498FDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#498FDB }
```

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

```
.background{ background-color:#498FDB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor