

Converting Colors

Hex(5799DB)

Have a look what the booklet for
Hex(5799DB) contains.

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Color

Hex(5799DB)

Conversions

Conversions Part 1

Format	Color
Hex	5799DB
RGB	87, 153, 219
RGB Percent	34%, 60%, 86%
CMY	0.6588, 0.4000, 0.1412
CMYK	0.60, 0.30, 0.00, 0.14
HSL	210°, 65%, 60%
HSV	210°, 60%, 86%
XYZ	28.1079, 29.9232, 71.3121
YIQ	140.7900, -60.5220, 6.5340

Conversions

Conversions Part 2

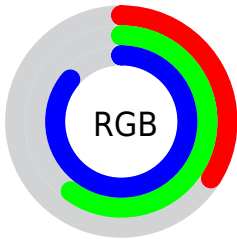
Format	Color
R _Y B	87, 131, 219
Decimal	5741019
CIE Lab	61.59, -1.31, -39.91
CIE LCh	62, 39.935, 268.119
Yxy	29.9232, 0.2173, 0.2313
Android (android.graphics.Color)	4283931099 (0xFF5799DB)
YUV	140.7900, 38.5575, -47.1738
Hunter-Lab	54.7021, -4.0089, -39.0017

Details

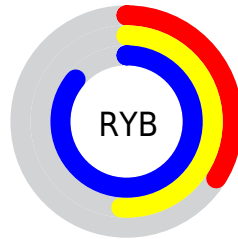
The Hex color **5799DB** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **DB9957**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **92CFFF**, and **0066A4** is the 20% darker color. If you saturate the color by 10%, you get **418EDB**, and if you desaturate by 10%, it is **6DA4DB**.

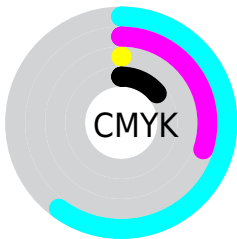
Distribution



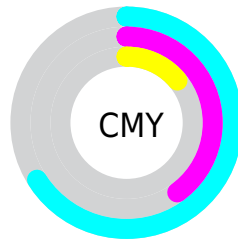
- Red (34%)
- Green (60%)
- Blue (86%)



- Red (34%)
- Yellow (51%)
- Blue (86%)



- Cyan (60%)
- Magenta (30%)
- Yellow (0%)
- Black (14%)



- Cyan (66%)
- Magenta (40%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5799DB 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 5799DB by changing the saturation by 10% instead.

■ 5799DB

■ 5799DB

FFFFFF

■ 367FBF

■ 92CFFF

■ 0066A4

■ B0EBFF

■ 004F89

■ CDFFFF

■ 00386F

■ EBFFFF

■ 002357

■ 000D3F

■ 000328

■ 000112

■ 000000

■ 5799DB

■ 5799DB

■ 418EDB

■ 6DA4DB

■ 2B83DB

■ 83AFDB

■ 1578DB

■ 99BADB

■ 006EDB

■ AFC5DB

■ C4D0DB

■ DADBDB

■ F0E6DB

■ FFF1DB

■ FFFCDB

Harmonies

Analogous

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



00A2D0



5799DB



958CD3

Triad

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



5799DB



D77B75



5EA46E

Complementary

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



5799DB



DB9957

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.



899D55



5799DB



C8855A

Square

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



5799DB



D57898



AD924D



1CA791

Rectangle

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



5799DB



B383C4



AD924D



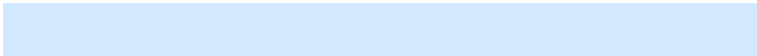
6DA264

Sweetspot

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



5799DB



D1E8FF



57DB99



637180



000000



808080

Same Dimension

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



5799DB



47A3FF



5757DB



63686E



0057AD



00172E

Inverse Universe

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



DB5799



FF47A3



DBDB57



6E6368



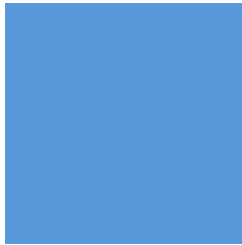
AD0057



2E0017

Previews

White Background



This preview shows how the Hex color 5799DB looks on a white background.

Color Contrast Check

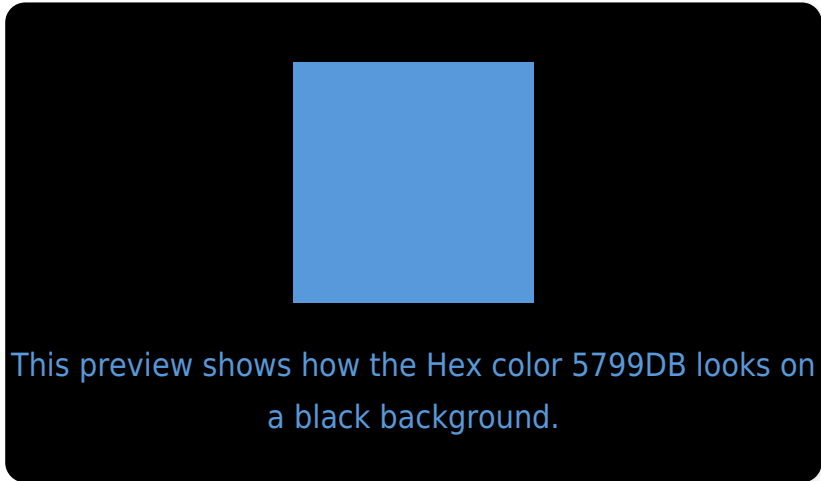
Large Text (above 18pt) WCAG AA ✓ Pass

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

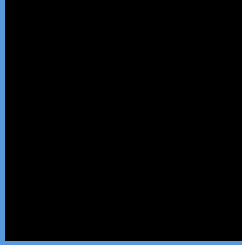
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

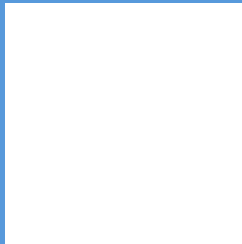
Any Text WCAG AAA × Fail

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

Hex 5799DB Background



This preview shows how black text looks on a background with the Hex color 5799DB.

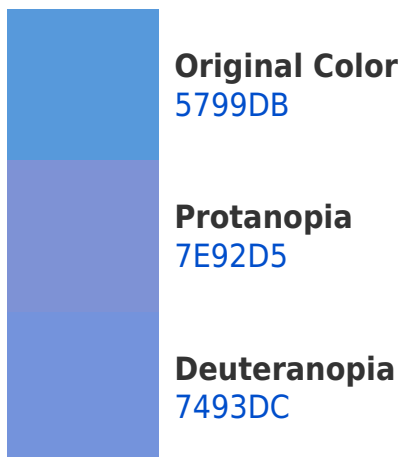


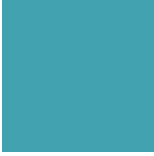
This preview shows how white text looks on a background with the Hex color 5799DB.

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](#).

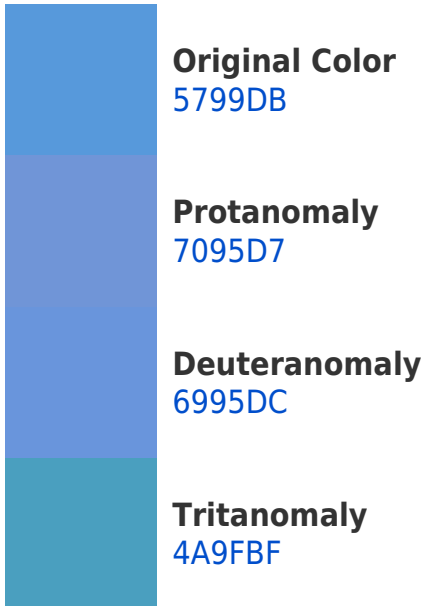
Dichromacy



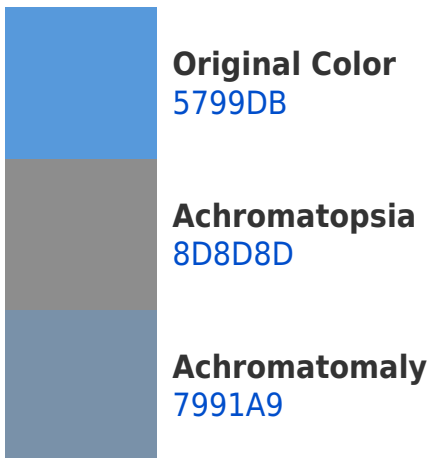


Tritanopia
43A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5799DB 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 #5799DB looks like.

```
.text, #text, p{  
    color:#5799DB  
}
```

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 #5799DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5799DB
}
```

Border

The CSS property to change the border of an element to Hex 5799DB 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
#5799DB }
```

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

```
.border{ border-color:#5799DB }
```

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

Here you see how a box with a 4 pixel #5799DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5799DB; -webkit-box-shadow:4px 4px  
4px 4px #5799DB; box-shadow:4px 4px 4px  
4px #5799DB }
```

Background

The CSS property to change the background color of an element to Hex 5799DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5799DB }
```

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

```
.background{ background-color:#5799DB }
```

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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