

# Converting Colors

Hex(5886DB)

Have a look what the booklet for  
Hex(5886DB) contains.

<b>Hex(5886DB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(5886DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5886DB
RGB	88, 134, 219
RGB Percent	35%, 53%, 86%
CMY	0.6549, 0.4745, 0.1412
CMYK	0.60, 0.39, 0.00, 0.14
HSL	219°, 65%, 60%
HSV	219°, 60%, 86%
XYZ	25.3358, 24.2394, 70.3612
YIQ	129.9360, -54.7010, 16.6830

# Conversions

## Conversions Part 2

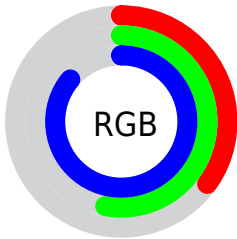
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	88, 122, 219
Decimal	5801691
CIE Lab	56.33, 10.03, -48.21
CIE LCh	56, 49.242, 281.758
Yxy	24.2394, 0.2112, 0.2021
Android (android.graphics.Color)	4283991771 (0xFF5886DB)
YUV	129.9360, 43.9086, -36.7779
Hunter-Lab	49.2335, 5.6983, -50.2698

# Details

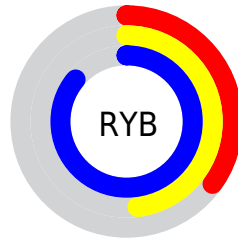
The Hex color **5886DB** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **DBAD58**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **93BBFF**, and **0355A3** is the 20% darker color. If you saturate the color by 10%, you get **4278DB**, and if you desaturate by 10%, it is **6E94DB**.

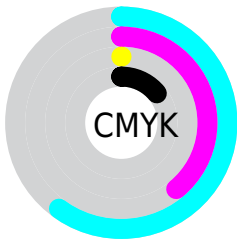
# Distribution



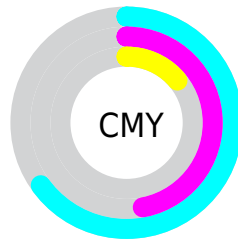
- Red (35%)
- Green (53%)
- Blue (86%)



- Red (35%)
- Yellow (48%)
- Blue (86%)



- Cyan (60%)
- Magenta (39%)
- Yellow (0%)
- Black (14%)



- Cyan (65%)
- Magenta (47%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5886DB 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 5886DB by changing the saturation by 10% instead.



 5886DB

 5886DB

FFFFFF

 386DBF

 93BBFF

 0355A3

 B1D6FF

 003E89

 CEF3FF

 00296F

 ECFFFF

 001656

 00063E

 000327

 000111

 000000

■ 5886DB

■ 5886DB

■ 4278DB

■ 6E94DB

■ 2C6ADB

■ 84A2DB

■ 165BDB

■ 9AB1DB

■ 004DDB

■ B0BFDB

■ C5CDDDB

■ DBDBDB

■ F1E9DB

■ FFF8DB

■ FFFFDB

# Harmonies

## Analogous

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



0093D8



5886DB



A075C7

# Triad

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



5886DB



CE6B50



009A6B

# Complementary

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



5886DB



DBAD58

# 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.



609544



5886DB



B47B33

# Square

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



5886DB



D66178



8F8A2D



009C97

# Rectangle

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



5886DB



BD6AB0



8F8A2D



33995D



# Sweetspot

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



5886DB



D1E1FF



58DBAB



636D80



000000



808080

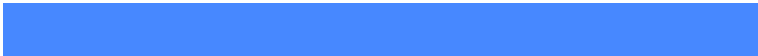


# Same Dimension

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



5886DB



4788FF



6958DB



63676E



003DAD



00102E



# Inverse Universe

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



DB5886



FF4788



CADB58



6E6367



AD003D



2E0010



# Previews

## White Background



This preview shows how the Hex color 5886DB looks on a white background.

## Color Contrast Check

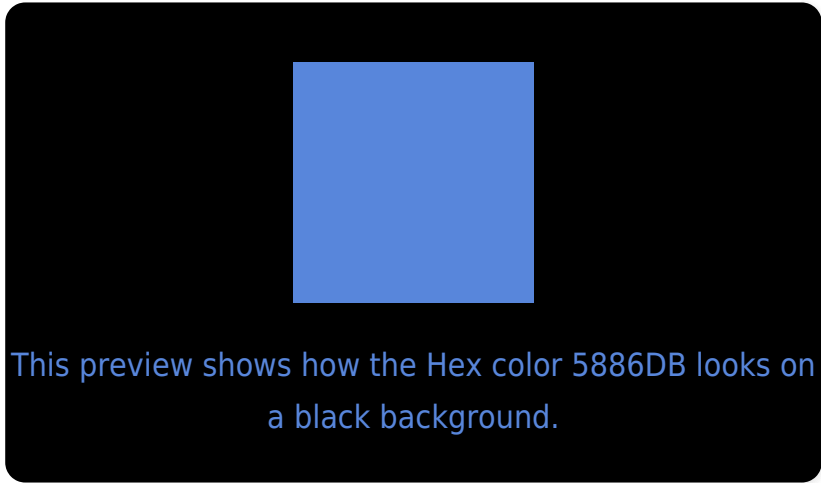
Large Text (above 18pt) WCAG AA ✓ Pass

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

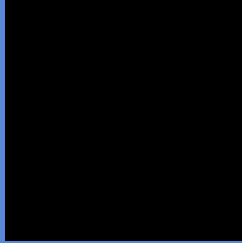
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

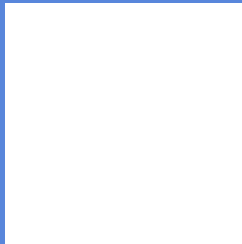
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5886DB Background



This preview shows how black text looks on a background with the Hex color 5886DB.

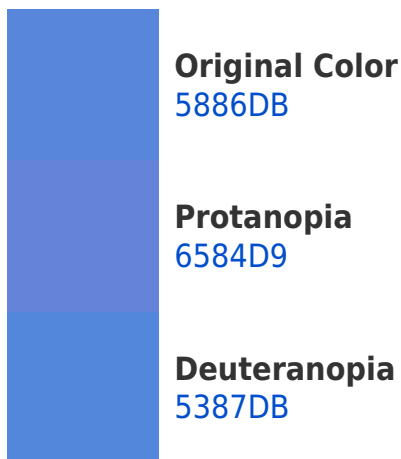


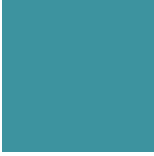
This preview shows how white text looks on a background with the Hex color 5886DB.

# 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](#).

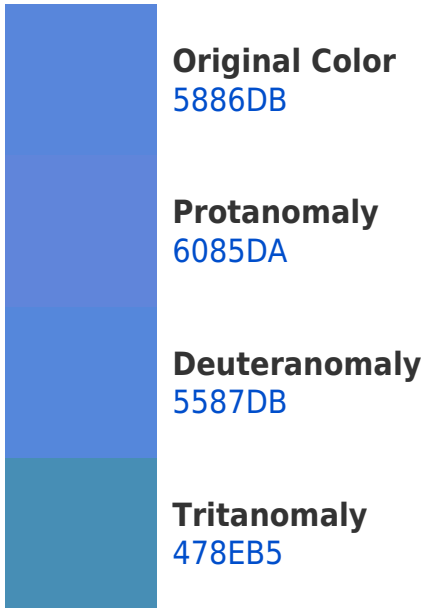
## Dichromacy



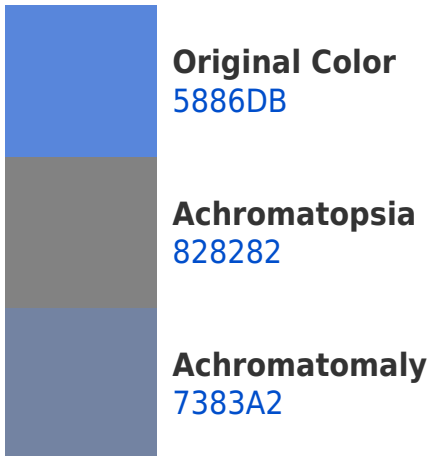


**Tritanopia**  
3D939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5886DB 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 #5886DB looks like.

```
.text, #text, p{  
    color:#5886DB  
}
```

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 #5886DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5886DB
}
```

## Border

The CSS property to change the border of an element to Hex 5886DB 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
#5886DB }
```

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

```
.border{ border-color:#5886DB }
```

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

Here you see how a box with a 4 pixel #5886DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5886DB; -webkit-box-shadow:4px 4px  
4px 4px #5886DB; box-shadow:4px 4px 4px  
4px #5886DB }
```

# Background

The CSS property to change the background color of an element to Hex 5886DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5886DB }
```

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

```
.background{ background-color:#5886DB }
```

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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