

# Converting Colors

Hex(1887DB)

Have a look what the booklet for  
Hex(1887DB) contains.

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# Color

**Hex(1887DB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1887DB
RGB	24, 135, 219
RGB Percent	9%, 53%, 86%
CMY	0.9059, 0.4706, 0.1412
CMYK	0.89, 0.38, 0.00, 0.14
HSL	206°, 80%, 48%
HSV	206°, 89%, 86%
XYZ	21.8268, 22.6366, 70.2367
YIQ	111.3870, -93.1200, 2.5920

# Conversions

## Conversions Part 2

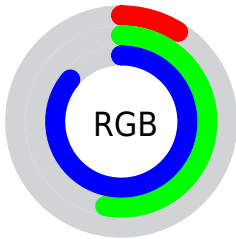
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">24, 95, 219</a>
Decimal	<a href="#">1607643</a>
CIELab	<a href="#">54.70, 1.46, -50.92</a>
CIELCh	<a href="#">55, 50.940, 271.646</a>
Yxy	<a href="#">22.6366, 0.1903, 0.1974</a>
Android (android.graphics.Color)	<a href="#">4279797723 (0xFF1887DB)</a>
YUV	<a href="#">111.3870, 53.0532, -76.6384</a>
Hunter-Lab	<a href="#">47.5779, -1.3728, -54.2220</a>

# Details

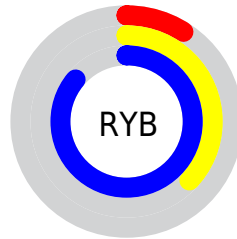
The Hex color **1887DB** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **DB6C18**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6CBCFF**, and **0056A3** is the 20% darker color. If you saturate the color by 10%, you get **027EDB**, and if you desaturate by 10%, it is **2E90DB**.

# Distribution



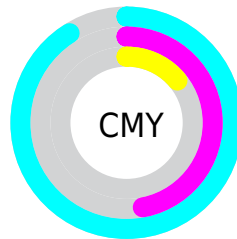
- Red (9%)
- Green (53%)
- Blue (86%)



- Red (9%)
- Yellow (37%)
- Blue (86%)



- Cyan (89%)
- Magenta (38%)
- Yellow (0%)
- Black (14%)



- Cyan (91%)
- Magenta (47%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1887DB 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 1887DB by changing the saturation by 10% instead.



 1887DB

 1887DB

FFFFFF

 006EBF

 6CBCFF

 0056A3

 8CD7FF

 003F89

 ABF4FF


 002A6F


 CAFFFF

 001656

 E8FFFF

 00063E

 000327

 000110

 000000

■ 1887DB

■ 1887DB

■ 027EDB

■ 2E90DB

■ 007DDB

■ 449ADB

■ 5AA3DB

■ 70ADDB

■ 85B6DB

■ 9BC0DB

■ B1C9DB

■ C7D2DB

■ DDDCDB

# Harmonies

## Analogous

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



0092D0



1887DB



8776CE

# Triad

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



1887DB



D06157



289557

# Complementary

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



1887DB



DB6C18

# 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.



6C8E33



1887DB



BB7134

# Square

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



1887DB



D25A82



988123



009884

# Rectangle

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



1887DB



AD6ABA



988123



459349

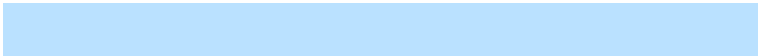


# Sweetspot

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



1887DB



BAE1FF



18DB69



576E80



000000



808080



# Same Dimension

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



1887DB



0091FF



1828DB



63696E



0063AD



001A2E



# Inverse Universe

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



DB1887



FF0091



DBC B18



6E6369



AD0063

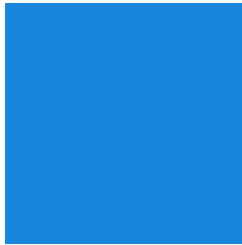


2E001A



# Previews

## White Background



This preview shows how the Hex color 1887DB 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 1887DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

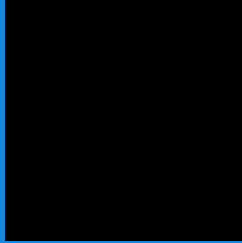
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1887DB Background



This preview shows how black text looks on a background with the Hex color 1887DB.

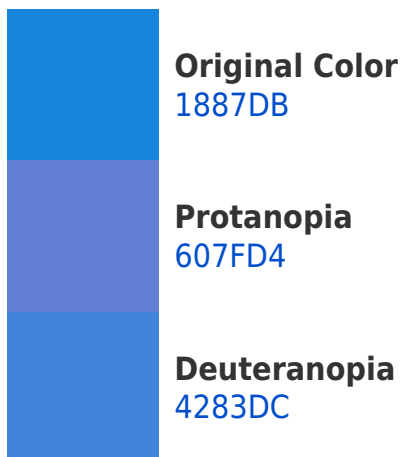


This preview shows how white text looks on a background with the Hex color 1887DB.

# 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](#).

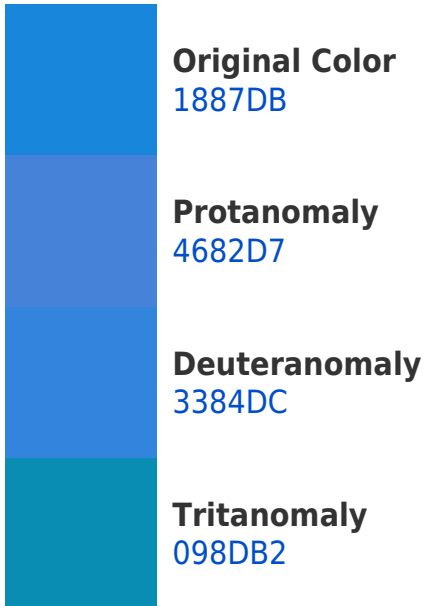
## Dichromacy



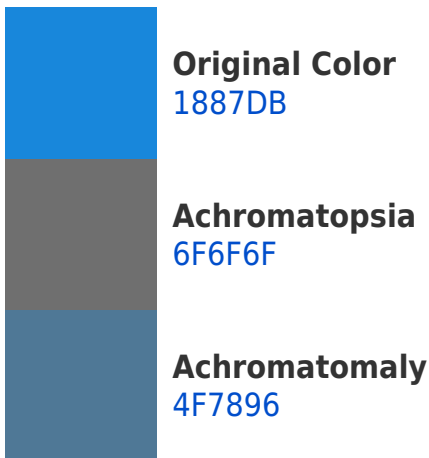


**Tritanopia**  
00919B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1887DB 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 #1887DB looks like.

```
.text, #text, p{  
    color:#1887DB  
}
```

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 #1887DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1887DB
}
```

## Border

The CSS property to change the border of an element to Hex 1887DB 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
#1887DB }
```

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

```
.border{ border-color:#1887DB }
```

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

Here you see how a box with a 4 pixel #1887DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1887DB; -webkit-box-shadow:4px 4px  
4px 4px #1887DB; box-shadow:4px 4px 4px  
4px #1887DB }
```

# Background

The CSS property to change the background color of an element to Hex 1887DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1887DB }
```

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

```
.background{ background-color:#1887DB }
```

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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