

Converting Colors

Hex(1898FF)

Have a look what the booklet for
Hex(1898FF) contains.

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Color

Hex(1898FF)

Conversions

Conversions Part 1

Format	Color
Hex	1898FF
RGB	24, 152, 255
RGB Percent	9%, 60%, 100%
CMY	0.9059, 0.4039, 0.0000
CMYK	0.91, 0.40, 0.00, 0.00
HSL	207°, 100%, 55%
HSV	207°, 91%, 100%
XYZ	29.6549, 29.8707, 98.8104
YIQ	125.4700, -109.3510, 4.8970

Conversions

Conversions Part 2

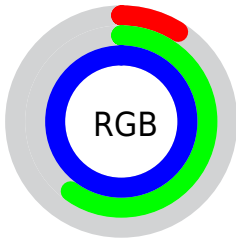
Format	Color
R _Y B	24, 106, 255
Decimal	1612031
CIE Lab	61.54, 4.89, -59.94
CIE LCh	62, 60.137, 274.662
Yxy	29.8707, 0.1873, 0.1887
Android (android.graphics.Color)	4279802111 (0xFF1898FF)
YUV	125.4700, 63.8583, -88.9892
Hunter-Lab	54.6541, 1.2083, -68.9340

Details

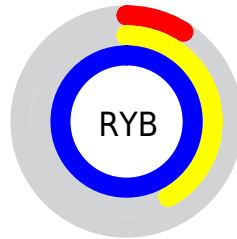
The Hex color **1898FF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **FF7F18**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **75CEFF**, and **0066C6** is the 20% darker color. If you saturate the color by 10%, you get **008DFF**, and if you desaturate by 10%, it is **31A3FF**.

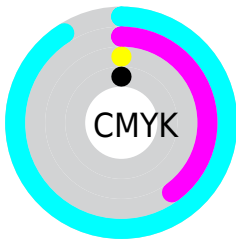
Distribution



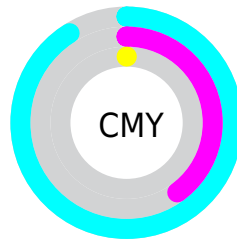
- Red (9%)
- Green (60%)
- Blue (100%)



- Red (9%)
- Yellow (42%)
- Blue (100%)



- Cyan (91%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1898FF 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 1898FF by changing the saturation by 10% instead.

 1898FF

 1898FF

FFFFFF

 007EE2

 75CEFF

 0066C6

 96E AFF

 004FAA

 B6FFFF

 00398F

 D6FFFF

 002575

 F6FFFF

 000F5B

 000743

 00032C

 000116

■ 1898FF

■ 1898FF

■ 008DFF

■ 31A3FF

■ 4BAFFF

■ 64BAFF

■ 7EC5FF

■ 97D1FF

■ B1DCFF

■ CBE8FF

■ E4F3FF

■ FDFEFF

Harmonies

Analogous

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



00A6F4



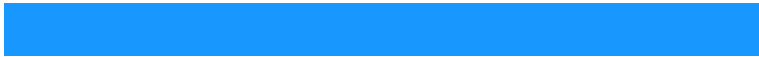
1898FF



A183ED

Triad

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



1898FF



EF6C5B



00AB65

Complementary

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



1898FF



FF7F18

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.



71A336



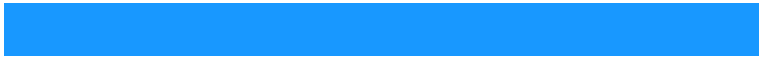
1898FF



D48131

Square

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



1898FF



F4628E



A8951C



00AE9C

Rectangle

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



1898FF



CC73D3



A8951C



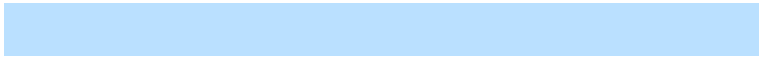
3DA954

Sweetspot

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



1898FF



BAE0FF



18FF7C



576D80



000000



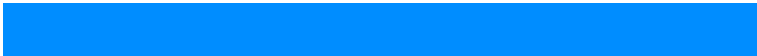
808080

Same Dimension

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



1898FF



008DFF



1827FF



737A80



006ABF



002340

Inverse Universe

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



FF1898



FF008D



FFF018



80737A



BF006A



400023

Previews

White Background



This preview shows how the Hex color 1898FF looks on a white background.

Color Contrast Check

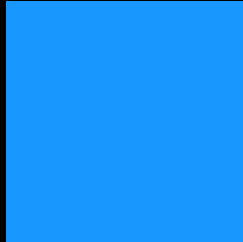
Large Text (above 18pt) WCAG AA ✓ Pass

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 1898FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

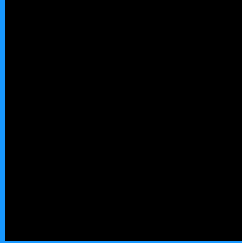
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

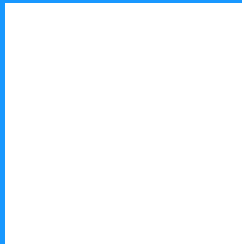
Any Text WCAG AAA × Fail

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

Hex 1898FF Background



This preview shows how black text looks on a background with the Hex color 1898FF.



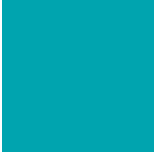
This preview shows how white text looks on a background with the Hex color 1898FF.

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](#).

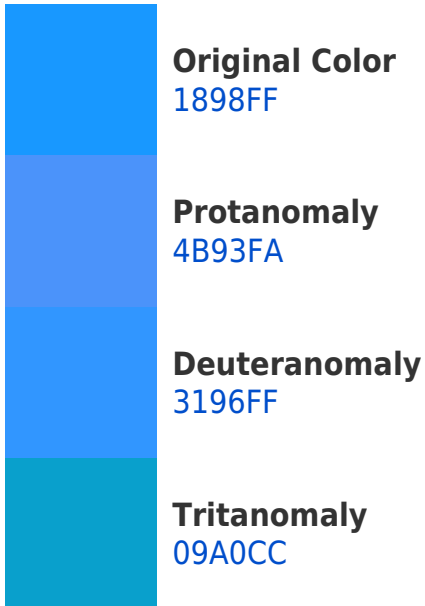
Dichromacy



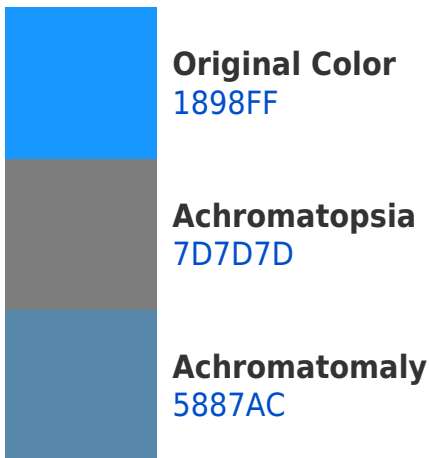


Tritanopia
00A4AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1898FF 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 #1898FF looks like.

```
.text, #text, p{  
    color:#1898FF  
}
```

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 #1898FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1898FF
}
```

Border

The CSS property to change the border of an element to Hex 1898FF 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
#1898FF }
```

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

```
.border{ border-color:#1898FF }
```

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

Here you see how a box with a 4 pixel #1898FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1898FF; -webkit-box-shadow:4px 4px  
4px 4px #1898FF; box-shadow:4px 4px 4px  
4px #1898FF }
```

Background

The CSS property to change the background color of an element to Hex 1898FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1898FF }
```

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

```
.background{ background-color:#1898FF }
```

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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