

# Converting Colors

Hex(1D88F3)

Have a look what the booklet for  
Hex(1D88F3) contains.

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# Color

Hex(1D88F3)

# Conversions

## Conversions Part 1

Format	Color
Hex	1D88F3
RGB	29, 136, 243
RGB Percent	11%, 53%, 95%
CMY	0.8863, 0.4667, 0.0471
CMYK	0.88, 0.44, 0.00, 0.05
HSL	210°, 90%, 53%
HSV	210°, 88%, 95%
XYZ	25.4885, 24.3406, 88.1488
YIQ	116.2050, -98.1190, 10.5930

# Conversions

## Conversions Part 2

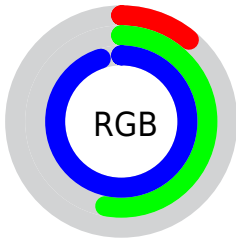
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 100, 243
Decimal	1935603
CIE <sub>Lab</sub>	56.43, 10.25, -61.53
CIE <sub>LCh</sub>	56, 62.374, 279.455
Yxy	24.3406, 0.1847, 0.1764
Android (android.graphics.Color)	4280125683 (0xFF1D88F3)
YUV	116.2050, 62.5099, -76.4788
Hunter-Lab	49.3362, 5.8800, -71.3980

# Details

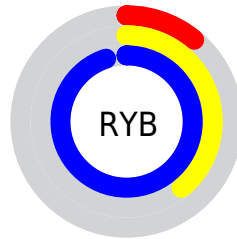
The Hex color **1D88F3** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F3881D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **73BDFF**, and **0057BA** is the 20% darker color. If you saturate the color by 10%, you get **057CF3**, and if you desaturate by 10%, it is **3594F3**.

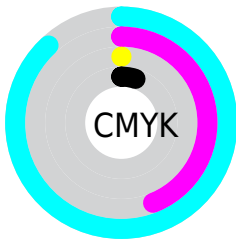
# Distribution



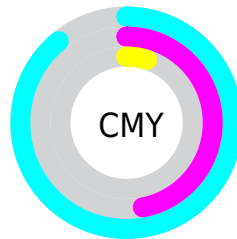
- Red (11%)
- Green (53%)
- Blue (95%)



- Red (11%)
- Yellow (39%)
- Blue (95%)



- Cyan (88%)
- Magenta (44%)
- Yellow (0%)
- Black (5%)



- Cyan (89%)
- Magenta (47%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D88F3 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 1D88F3 by changing the saturation by 10% instead.



■ 1D88F3

■ 1D88F3

FFFFFF

■ 006FD6

■ 73BDFF

■ 0057BA

■ 94D8FF

■ 00419F

■ B4F5FF

■ 002C84

■ D3FFFF

■ 001A6A

■ F3FFFF

■ 000B51

■ 000539

■ 000222

■ 000009

■ 1D88F3

■ 1D88F3

■ 057CF3

■ 3594F3

■ 0079F3

■ 4EA0F3

■ 66ACF3

■ 7EB9F3

■ 96C5F3

■ AFD1F3

■ C7DDF3

■ DFE9F3

■ F8F5F3

# Harmonies

## Analogous

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



0097ED



1D88F3



9F71DC

# Triad

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



1D88F3



DF5F45



009E5F

# Complementary

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



1D88F3



F3881D

# 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.



56972B



1D88F3



C07717

# Square

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



1D88F3



E85078



928A00



00A198

# Rectangle

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



1D88F3



C760BF



928A00



009C4D

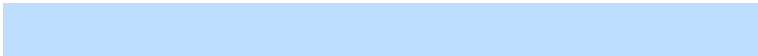


# Sweetspot

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



1D88F3



BDDEFF



1DF388



586C80



000000



808080



# Same Dimension

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



1D88F3



0080FF



1D1DF3



6E747A



005DBA



001D3B



# Inverse Universe

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



F31D88



FF0080



F3F31D



7A6E74



BA005D



3B001D



# Previews

## White Background



This preview shows how the Hex color 1D88F3 looks on a white background.

## Color Contrast Check

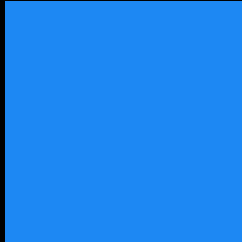
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D88F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

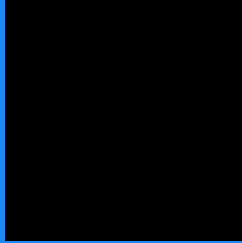
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

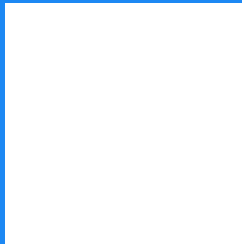
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1D88F3 Background



This preview shows how black text looks on a background with the Hex color 1D88F3.



This preview shows how white text looks on a background with the Hex color 1D88F3.

# 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](#).

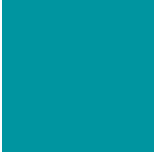
## Dichromacy



**Original Color**  
1D88F3

**Protanopia**  
5483EE

**Deuteranopia**  
0089F3

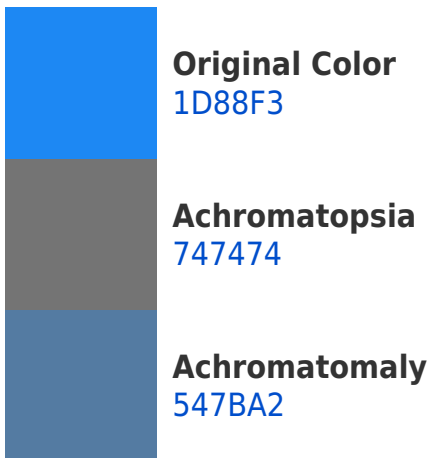


**Tritanopia**  
0095A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D88F3 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 #1D88F3 looks like.

```
.text, #text, p{  
    color:#1D88F3  
}
```

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 #1D88F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D88F3
}
```

## Border

The CSS property to change the border of an element to Hex 1D88F3 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
#1D88F3 }
```

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

```
.border{ border-color:#1D88F3 }
```

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

Here you see how a box with a 4 pixel #1D88F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D88F3; -webkit-box-shadow:4px 4px  
4px 4px #1D88F3; box-shadow:4px 4px 4px  
4px #1D88F3 }
```

# Background

The CSS property to change the background color of an element to Hex 1D88F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D88F3 }
```

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

```
.background{ background-color:#1D88F3 }
```

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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