

# Converting Colors

Hex(1838FB)

Have a look what the booklet for  
Hex(1838FB) contains.

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# Color

**Hex(1838FB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1838FB
RGB	24, 56, 251
RGB Percent	9%, 22%, 98%
CMY	0.9059, 0.7804, 0.0157
CMYK	0.90, 0.78, 0.00, 0.02
HSL	232°, 97%, 54%
HSV	232°, 90%, 98%
XYZ	19.2034, 9.9876, 92.1824
YIQ	68.6620, -81.6670, 53.8610

# Conversions

## Conversions Part 2

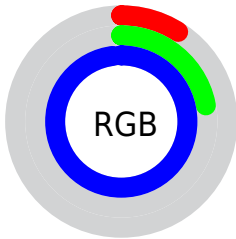
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	24, 52, 251
Decimal	1587451
CIE Lab	37.82, 61.41, -96.41
CIE LCh	38, 114.306, 302.496
Yxy	9.9876, 0.1582, 0.0823
Android (android.graphics.Color)	4279777531 (0xFF1838FB)
YUV	68.6620, 89.8926, -39.1686
Hunter-Lab	31.6031, 53.1590, -150.8195

# Details

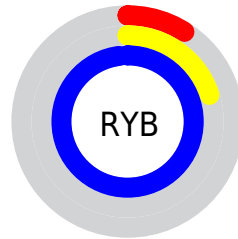
The Hex color **1838FB** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FBDB18**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **796AFF**, and **0006C1** is the 20% darker color. If you saturate the color by 10%, you get **0023FB**, and if you desaturate by 10%, it is **314EFB**.

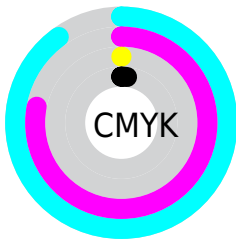
# Distribution



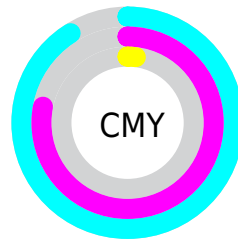
- Red (9%)
- Green (22%)
- Blue (98%)



- Red (9%)
- Yellow (20%)
- Blue (98%)



- Cyan (90%)
- Magenta (78%)
- Yellow (0%)
- Black (2%)



- Cyan (91%)
- Magenta (78%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1838FB 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 1838FB by changing the saturation by 10% instead.



 1838FB

 1838FB

FFFFFF

 0020DE

 796AFF

 0006C1

 9C84FF

 0000A5

 BD9FFF

 000089

 DEBAFF

 000D6E

 FED6FF

 000C55

 FFF3FF

 00063D

 000326

 00010F

■ 1838FB

■ 1838FB

■ 0023FB

■ 314EFB

■ 4A63FB

■ 6379FB

■ 7C8EFB

■ 96A4FB

■ AFB9FB

■ C8CFFB

■ E1E4FB

■ FAFAFB

# Harmonies

## Analogous

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



0068FF



1838FB



C400B1

# Triad

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



1838FB



AD2300



00765F

# Complementary

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



1838FB



FBDB18

# 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.



007300



1838FB



675A00

# Square

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



1838FB



DC0000



006C00



0079BD

# Rectangle

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



1838FB



E40075



006C00



00753E



# Sweetspot

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



1838FB



BAC4FF



18FBD9



575C80



000000



808080



# Same Dimension

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



1838FB



0024FF



6718FB



70727D



001BBD



00093D



# Inverse Universe

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



FB1838



FF0024



ACFB18



7D7072



BD001B

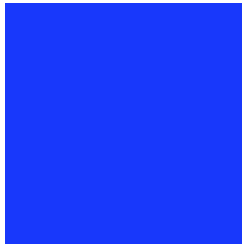


3D0009



# Previews

## White Background



This preview shows how the Hex color 1838FB looks on a white background.

## Color Contrast Check

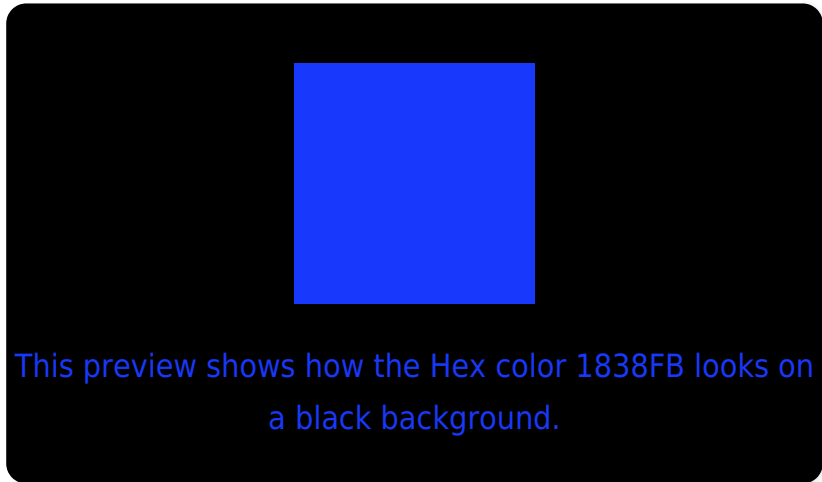
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

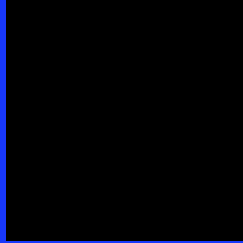
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1838FB Background



This preview shows how black text looks on a background with the Hex color 1838FB.



This preview shows how white text looks on a background with the Hex color 1838FB.

# 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



# Trichromacy



**Original Color**  
1838FB

**Protanomaly**  
094ACD

**Deuteranomaly**  
094EBC

# Monochromacy



**Original Color**  
1838FB

**Achromatopsia**  
454545

**Achromatomaly**  
354087

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1838FB 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 #1838FB looks like.

```
.text, #text, p{  
    color:#1838FB  
}
```

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 #1838FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1838FB
}
```

## Border

The CSS property to change the border of an element to Hex 1838FB 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
#1838FB }
```

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

```
.border{ border-color:#1838FB }
```

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

Here you see how a box with a 4 pixel #1838FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1838FB; -webkit-box-shadow:4px 4px  
4px 4px #1838FB; box-shadow:4px 4px 4px  
4px #1838FB }
```

# Background

The CSS property to change the background color of an element to Hex 1838FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1838FB }
```

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

```
.background{ background-color:#1838FB }
```

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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