

Converting Colors

Hex(1839FF)

Have a look what the booklet for
Hex(1839FF) contains.

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Color

Hex(1839FF)

Conversions

Conversions Part 1

Format	Color
Hex	1839FF
RGB	24, 57, 255
RGB Percent	9%, 22%, 100%
CMY	0.9059, 0.7765, 0.0000
CMYK	0.91, 0.78, 0.00, 0.00
HSL	231°, 100%, 55%
HSV	231°, 91%, 100%
XYZ	19.8898, 10.3404, 95.5553
YIQ	69.7050, -83.2260, 54.5820

Conversions

Conversions Part 2

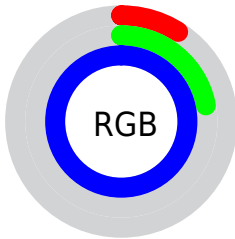
Format	Color
R _Y B	24, 53, 255
Decimal	1587711
CIE Lab	38.45, 62.16, -97.61
CIE LCh	38, 115.723, 302.492
Yxy	10.3404, 0.1581, 0.0822
Android (android.graphics.Color)	4279777791 (0xFF1839FF)
YUV	69.7050, 91.3504, -40.0833
Hunter-Lab	32.1566, 54.1337, -153.6745

Details

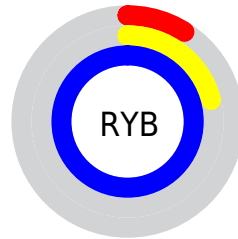
The Hex color **1839FF** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **FFDE18**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7A6BFF**, and **0007C5** is the 20% darker color. If you saturate the color by 10%, you get **0024FF**, and if you desaturate by 10%, it is **314FFF**.

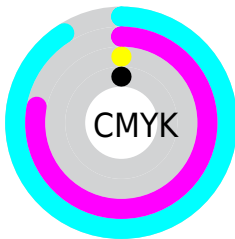
Distribution



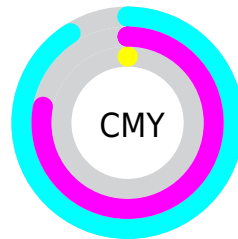
- Red (9%)
- Green (22%)
- Blue (100%)



- Red (9%)
- Yellow (21%)
- Blue (100%)



- Cyan (91%)
- Magenta (78%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (78%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1839FF 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 1839FF by changing the saturation by 10% instead.

 1839FF

 1839FF

FFFFFF

 0021E1

 7A6BFF

 0007C5

 9D85FF

 0000A8

 BEA0FF

 00008D

 DFBBFF

 000C72

 FFD8FF

 000D58

 FFF4FF

 000740

 000329

 000113

 1839FF

 1839FF

 0024FF

 314FFF

 4B65FF

 647BFF

 7E90FF

 97A6FF

 B1BCFF

 CBD2FF

 E4E8FF

 FDFEFF

Harmonies

Analogous

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



006AFF



1839FF



C700B4

Triad

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



1839FF



AF2400



007861

Complementary

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



1839FF



FFDE18

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.



007500



1839FF



685B00

Square

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



1839FF



E00000



006E00



007BC0

Rectangle

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



1839FF



E80077



006E00



00773F

Sweetspot

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



1839FF



BAC4FF



18FFDC



575D80



000000



808080

Same Dimension

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



1839FF



0024FF



6918FF



737580



001BBF



000940

Inverse Universe

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



FF1839



FF0024



AEFF18



807375



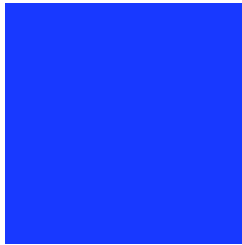
BF001B



400009

Previews

White Background



This preview shows how the Hex color 1839FF looks on a white background.

Color Contrast Check

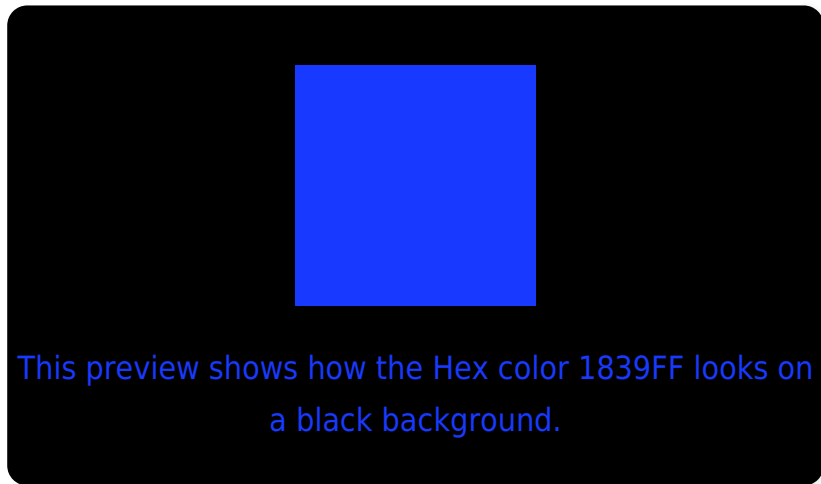
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

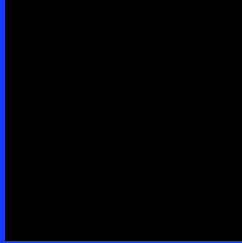
Any Text WCAG AA × Fail

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 1839FF Background



This preview shows how black text looks on a background with the Hex color 1839FF.



This preview shows how white text looks on a background with the Hex color 1839FF.

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
1839FF

Protanopia
0056B5

Deuteranopia
005C9A



Trichromacy



Original Color
1839FF

Protanomaly
094BD0

Deuteranomaly
094FBF

Tritanomaly
09549F

Monochromacy



Original Color
1839FF

Achromatopsia
464646

Achromatomaly
354189

CSS Examples

Text

The CSS property to change the color of the text to Hex 1839FF 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 #1839FF looks like.

```
.text, #text, p{  
    color:#1839FF  
}
```

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 #1839FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1839FF
}
```

Border

The CSS property to change the border of an element to Hex 1839FF 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
#1839FF }
```

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

```
.border{ border-color:#1839FF }
```

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

Here you see how a box with a 4 pixel #1839FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1839FF; -webkit-box-shadow:4px 4px  
4px 4px #1839FF; box-shadow:4px 4px 4px  
4px #1839FF }
```

Background

The CSS property to change the background color of an element to Hex 1839FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1839FF }
```

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

```
.background{ background-color:#1839FF }
```

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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