

# Converting Colors

Hex(2118F9)

Have a look what the booklet for  
Hex(2118F9) contains.

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**Color**

**Hex(2118F9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2118F9
RGB	33, 24, 249
RGB Percent	13%, 9%, 98%
CMY	0.8706, 0.9059, 0.0235
CMYK	0.87, 0.90, 0.00, 0.02
HSL	242°, 95%, 54%
HSV	242°, 90%, 98%
XYZ	18.0527, 7.8162, 90.1797
YIQ	52.3410, -66.8610, 71.8830

# Conversions

## Conversions Part 2

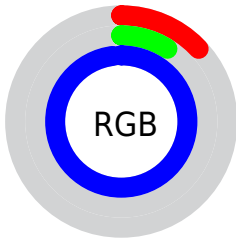
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 24, 249
Decimal	2169081
CIELab	33.60, 73.63, -102.31
CIElCh	34, 126.051, 305.742
Yxy	7.8162, 0.1556, 0.0674
Android (android.graphics.Color)	4280359161 (0xFF2118F9)
YUV	52.3410, 96.9529, -16.9621
Hunter-Lab	27.9574, 66.3361, -171.6764




# Details

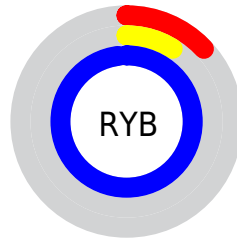
The Hex color **2118F9** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **F0F918**, and the grayscale version is **333333**.




A 20% lighter version of the original color is **7E51FF**, and **0000BF** is the 20% darker color. If you saturate the color by 10%, you get **0A00F9**, and if you desaturate by 10%, it is **3931F9**.

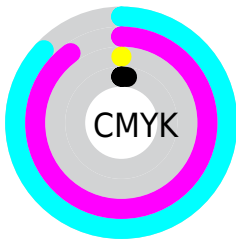
# Distribution







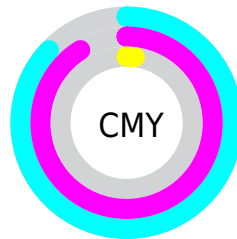
-  Red (13%)
-  Green (9%)
-  Blue (98%)






-  Red (13%)
-  Yellow (9%)
-  Blue (98%)



-  Cyan (87%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (2%)



-  Cyan (87%)
-  Magenta (91%)
-  Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2118F9 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 2118F9 by changing the saturation by 10% instead.



■ 2118F9

■ 2118F9

FFFFFF

■ 0000DC

■ 7E51FF

■ 0000BF

■ A06CFF

■ 0000A2

■ C287FF

■ 000087

■ E3A3FF

■ 00106C

■ FFBFFF

■ 000B53

■ FFDCFF

■ 00063B

■ FFF9FF

■ 000224

■ 00000C

■ 2118F9

■ 2118F9

■ 0A00F9

■ 3931F9

■ 514AF9

■ 6963F9

■ 817CF9

■ 9994F9

■ B0ADF9

■ C8C6F9

■ E0DFF9

■ F8F8F9

# Harmonies

## Analogous

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



005FFF



2118F9



C800A4

# Triad

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



2118F9



9E1700



006B61

# Complementary

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



2118F9



F0F918

# 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.



006800



2118F9



505300

# Square

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



2118F9



D40000



006400



006FC6

# Rectangle

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



2118F9



E50063



006400



006A3E



# Sweetspot

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



2118F9



BDBAFF



18F2F9



585780



000000



808080



# Same Dimension

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



2118F9



0A00FF



9018F9



71707D



0800BD



02003D



# Inverse Universe

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



F918F0



FF00F5



81F918



7D707C



BD00B5

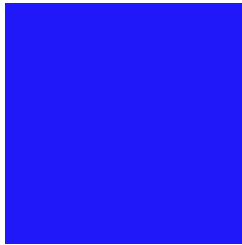


3D003B



# Previews

## White Background



This preview shows how the Hex color 2118F9 looks on a white background.

## Color Contrast Check

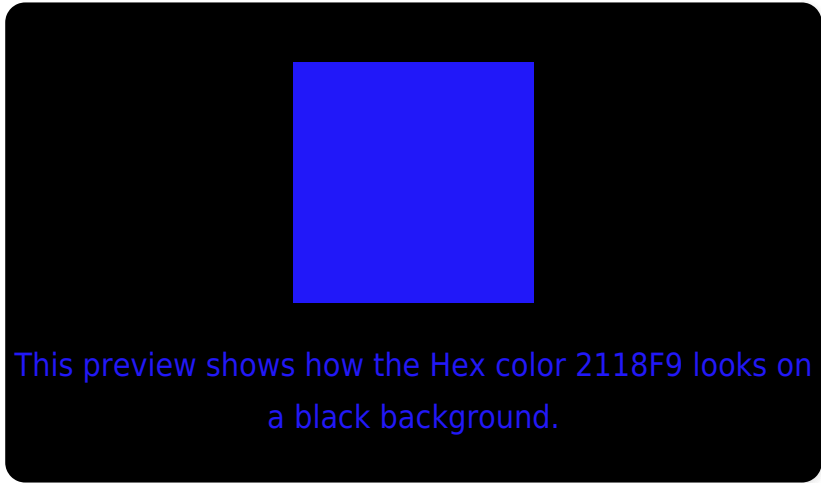
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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 2118F9 Background



This preview shows how black text looks on a background with the Hex color 2118F9.



This preview shows how white text looks on a background with the Hex color 2118F9.

# 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**  
2118F9

**Protanopia**  
004C9F

**Deuteranopia**  
005187



**Tritanopia**  
00575B

# Trichromacy



**Original Color**  
2118F9

**Protanomaly**  
0C39C0

**Deuteranomaly**  
0C3CB0

**Tritanomaly**  
0C4094

# Monochromacy



**Original Color**  
2118F9

**Achromatopsia**  
343434

**Achromatomaly**  
2D2A7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2118F9 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 #2118F9 looks like.

```
.text, #text, p{  
    color:#2118F9  
}
```

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 #2118F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2118F9
}
```

## Border

The CSS property to change the border of an element to Hex 2118F9 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
#2118F9 }
```

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

```
.border{ border-color:#2118F9 }
```

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

Here you see how a box with a 4 pixel #2118F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2118F9; -webkit-box-shadow:4px 4px  
4px 4px #2118F9; box-shadow:4px 4px 4px  
4px #2118F9 }
```

# Background

The CSS property to change the background color of an element to Hex 2118F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2118F9 }
```

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

```
.background{ background-color:#2118F9 }
```

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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