

# Converting Colors

Hex(1F00C9)

Have a look what the booklet for  
Hex(1F00C9) contains.

<b>Hex(1F00C9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(1F00C9)

# Conversions

## Conversions Part 1

Format	Color
Hex	1F00C9
RGB	31, 0, 201
RGB Percent	12%, 0%, 79%
CMY	0.8784, 1.0000, 0.2118
CMYK	0.85, 1.00, 0.00, 0.21
HSL	249°, 100%, 39%
HSV	249°, 100%, 79%
XYZ	11.1077, 4.5084, 55.5431
YIQ	32.1830, -46.0450, 69.0830

# Conversions

## Conversions Part 2

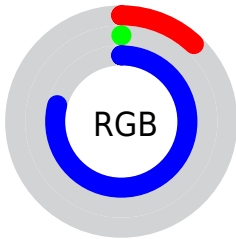
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 0, 201
Decimal	2031817
CIE <sub>Lab</sub>	25.29, 66.50, -88.62
CIE <sub>LCh</sub>	25, 110.797, 306.884
Yxy	4.5084, 0.1561, 0.0634
Android (android.graphics.Color)	4280221897 (0xFF1F00C9)
<b>YUV</b>	32.1830, 83.2268, -1.0375
Hunter-Lab	21.2329, 56.2223, -140.2337

# Details

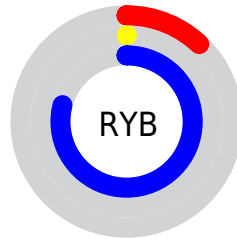
The Hex color **1F00C9** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **AAC900**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **7140FF**, and **000091** is the 20% darker color. If you saturate the color by 10%, you get **1F00C9**, and if you desaturate by 10%, it is **3014C9**.

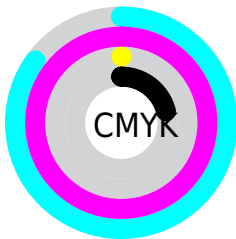
# Distribution



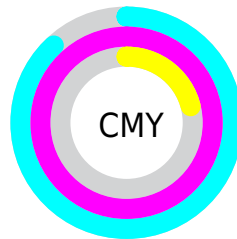
- Red (12%)
- Green (0%)
- Blue (79%)



- Red (12%)
- Yellow (0%)
- Blue (79%)



- Cyan (85%)
- Magenta (100%)
- Yellow (0%)
- Black (21%)



- Cyan (88%)
- Magenta (100%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F00C9 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 1F00C9 by changing the saturation by 10% instead.



 1F00C9

 1F00C9

FFFFFF

 0000AD

 7140FF

 000091

 925BFF

 000076

 B275FF

 000B5C

 D191FF

 000744

 F1ACFF

 00032D

 FFC8FF

 000117

 FFE5FF

 000000

 1F00C9

 3014C9

 4128C9

 523CC9

 6350C9

 7465C9

 8579C9

 968DC9

 A7A1C9

 B8B5C9

# Harmonies

## Analogous

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



0049ED



1F00C9



A30080

# Triad

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



1F00C9



7B0E00



00544F

# Complementary

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



1F00C9



AAC900

# 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.



005100



1F00C9



394000

# Square

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



1F00C9



A90000



004D00



0057A3

# Rectangle

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



1F00C9



BA0049



004D00



005331



# Sweetspot

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



1F00C9



BEB3FF



00ABC9



595280



000000



808080



# Same Dimension

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



1F00C9



2700FF



8300C9



5B5A63



1900A3



060024



# Inverse Universe

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



C900AA



FF00D8



46C900



635A62



A3008A

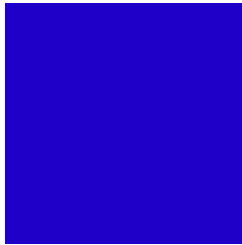


24001E



# Previews

## White Background



This preview shows how the Hex color 1F00C9 looks on a white background.

## Color Contrast Check

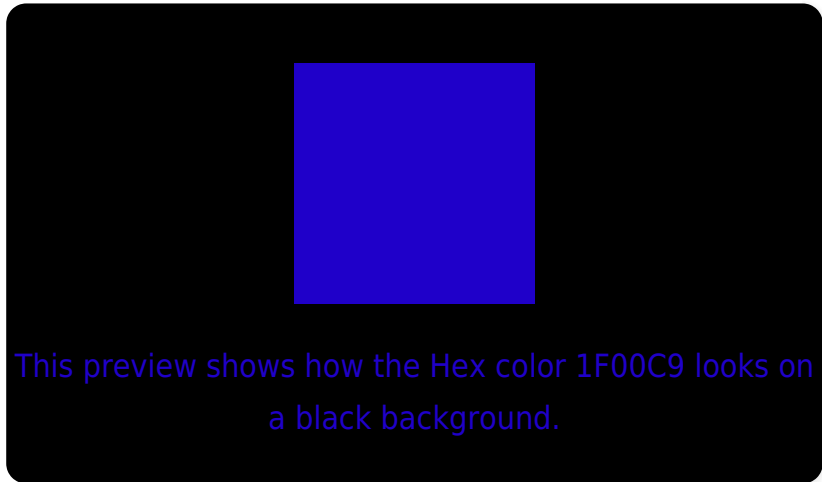
Large Text (above 18pt) WCAG AA ✓ Pass

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

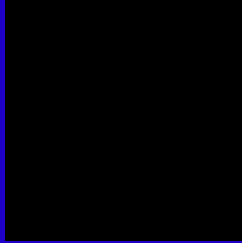
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F00C9 Background



This preview shows how black text looks on a background with the Hex color 1F00C9.



This preview shows how white text looks on a background with the Hex color 1F00C9.

# 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**  
1F00C9

**Protanopia**  
003C7E

**Deuteranopia**  
00406B



# Trichromacy



**Original Color**  
1F00C9

**Protanomaly**  
0B2699

**Deuteranomaly**  
0B298D

**Tritanomaly**  
0B2C77

# Monochromacy



**Original Color**  
1F00C9

**Achromatopsia**  
202020

**Achromatomaly**  
20145D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F00C9 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 #1F00C9 looks like.

```
.text, #text, p{  
    color:#1F00C9  
}
```

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 #1F00C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F00C9
}
```

## Border

The CSS property to change the border of an element to Hex 1F00C9 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
#1F00C9 }
```

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

```
.border{ border-color:#1F00C9 }
```

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

Here you see how a box with a 4 pixel #1F00C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F00C9; -webkit-box-shadow:4px 4px  
4px 4px #1F00C9; box-shadow:4px 4px 4px  
4px #1F00C9 }
```

# Background

The CSS property to change the background color of an element to Hex 1F00C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F00C9 }
```

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

```
.background{ background-color:#1F00C9 }
```

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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