

# Converting Colors

Hex(FF1FD5)

Have a look what the booklet for  
Hex(FF1FD5) contains.

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**Color**

**Hex(FF1FD5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF1FD5
RGB	255, 31, 213
RGB Percent	100%, 12%, 84%
CMY	0.0000, 0.8784, 0.1647
CMYK	0.00, 0.88, 0.16, 0.00
HSL	311°, 100%, 56%
HSV	311°, 88%, 100%
XYZ	53.7402, 27.0441, 65.3384
YIQ	118.7240, 75.0820, 104.0900

# Conversions

## Conversions Part 2

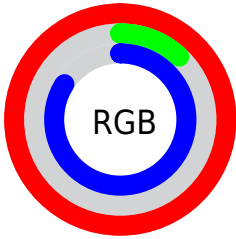
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 31, 213
Decimal	16719829
CIE <sub>Lab</sub>	59.02, 90.11, -39.36
CIE <sub>LCh</sub>	59, 98.330, 336.406
Yxy	27.0441, 0.3678, 0.1851
Android (android.graphics.Color)	4294909909 (0xFFFF1FD5)
YUV	118.7240, 46.4781, 119.5141
Hunter-Lab	52.0039, 93.4529, -38.0900

# Details

The Hex color **FF1FD5** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **1FFF49**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF6FFF**, and **C1009E** is the 20% darker color. If you saturate the color by 10%, you get **FF06D0**, and if you desaturate by 10%, it is **FF39DA**.

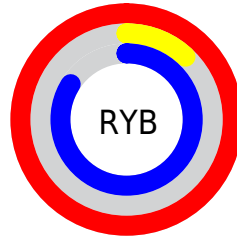
# Distribution



Red (100%)

Green (12%)

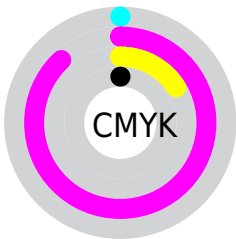
Blue (84%)



Red (100%)

Yellow (12%)

Blue (84%)

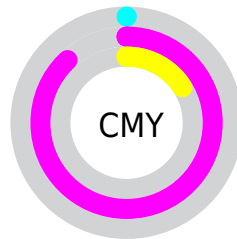


Cyan (0%)

Magenta (88%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (88%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF1FD5 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 FF1FD5 by changing the saturation by 10% instead.



 FF1FD5

 FF1FD5

FFFFFF

 E000B9

 FF6FFF

 C1009E

 FF8FFF

 A30083

 FFAEFF

 85006A


 FFCDFD

 680051

 FFE0FF

 4C0039

 2E0023

 000008

 000000

 FF1FD5

 FF1FD5

 FF06D0

 FF39DA

 FF00CF

 FF52DF

 FF6BE3

 FF85E8

 FF9FED

 FFB8F2

 FFD2F6

 FFEFBF

FFFFFF

# Harmonies

## Analogous

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



9E6CFF



FF1FD5



FF0080

# Triad

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



FF1FD5



9C9100



00B1F4

# Complementary

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



FF1FD5



1FFF49

# 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.



00B19F



FF1FD5



34A400

# Square

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



FF1FD5



E16E00



00AD42



00A9FF

# Rectangle

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



FF1FD5



FF0048



00AD42



00B1D9



# Sweetspot

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



FF1FD5



FFBDF3



481FFF



805878



000000



808080



# Same Dimension

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



FF1FD5



FF00CF



FF1F66



80737D



BF009B



400034



# Inverse Universe

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



FF1FD5



FF00CF



1FFFB8



80737D



BF009B



400034



# Previews

## White Background



This preview shows how the Hex color FF1FD5 looks on a white background.

## Color Contrast Check

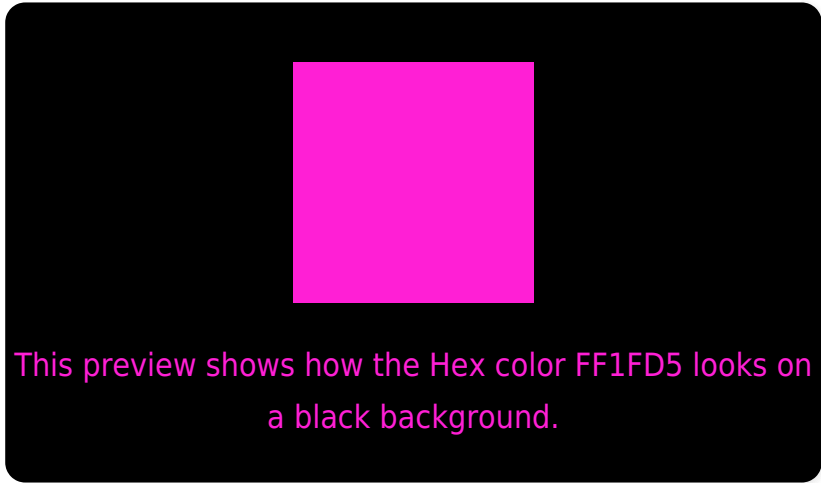
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 FF1FD5 Background



This preview shows how black text looks on a background with the Hex color FF1FD5.

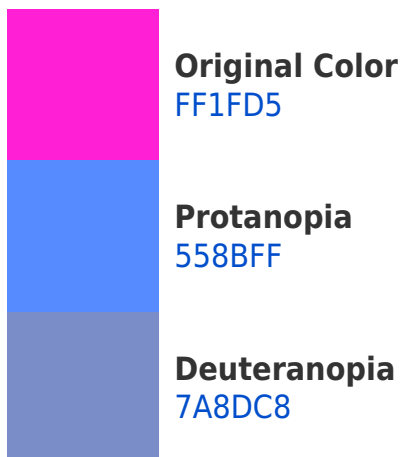


This preview shows how white text looks on a background with the Hex color FF1FD5.

# 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**  
FF1FD5



**Protanomaly**  
9364F0



**Deuteranomaly**  
AA65CD



**Tritanomaly**  
F84389

# Monochromacy



**Original Color**  
FF1FD5



**Achromatopsia**  
777777



**Achromatomaly**  
A85799

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF1FD5 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 #FF1FD5 looks like.

```
.text, #text, p{  
    color:#FF1FD5  
}
```

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 #FF1FD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF1FD5
}
```

## Border

The CSS property to change the border of an element to Hex FF1FD5 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
#FF1FD5 }
```

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

```
.border{ border-color:#FF1FD5 }
```

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

Here you see how a box with a 4 pixel #FF1FD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF1FD5; -webkit-box-shadow:4px 4px  
4px 4px #FF1FD5; box-shadow:4px 4px 4px  
4px #FF1FD5 }
```

# Background

The CSS property to change the background color of an element to Hex FF1FD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF1FD5 }
```

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

```
.background{ background-color:#FF1FD5 }
```

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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