

# Converting Colors

Hex(FF22FF)

Have a look what the booklet for  
Hex(FF22FF) contains.

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**Color**

**Hex(F222FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF22FF
RGB	255, 34, 255
RGB Percent	100%, 13%, 100%
CMY	0.0000, 0.8667, 0.0000
CMYK	0.00, 0.87, 0.00, 0.00
HSL	300°, 100%, 57%
HSV	300°, 87%, 100%
XYZ	59.8620, 29.6241, 97.1707
YIQ	125.2730, 60.7750, 115.5830

# Conversions

## Conversions Part 2

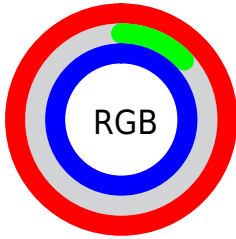
Format	Color
R <sub>Y</sub> B	255, 34, 255
Decimal	16720639
CIE Lab	61.33, 95.28, -59.23
CIE LCh	61, 112.187, 328.132
Yxy	29.6241, 0.3207, 0.1587
Android (android.graphics.Color)	4294910719 (0xFFFF22FF)
YUV	125.2730, 63.9554, 113.7706
Hunter-Lab	54.4280, 101.0723, -67.7513

# Details

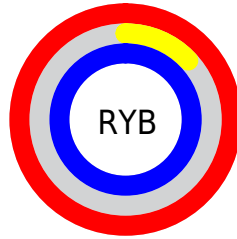
The Hex color **FF22FF** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **22FF22**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF72FF**, and **C100C5** is the 20% darker color. If you saturate the color by 10%, you get **FF08FF**, and if you desaturate by 10%, it is **FF3BFF**.

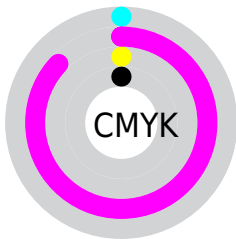
# Distribution



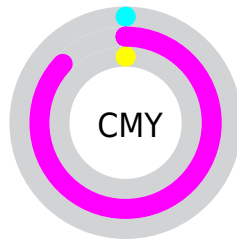
- Red (100%)
- Green (13%)
- Blue (100%)



- Red (100%)
- Yellow (13%)
- Blue (100%)



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



- Cyan (0%)
- Magenta (87%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF22FF 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 FF22FF by changing the saturation by 10% instead.



 FF22FF

 FF22FF

FFFFFF

 E000E2

 FF72FF

 C100C5

 FF92FF

 A300A9

 FFB2FF

 85008E

 FFD1FF

 670074

 FFF0FF

 4B005B

 2C0042

 02002A

 000114

 FF22FF

 FF22FF

 FF08FF

 FF3BFF

 FF00FF

 FF55FF

 FF6EFF

 FF88FF

 FFA2FF

 FFBBFF

 FFD4FF

 FFEEFF

FFFFFF

# Harmonies

## Analogous

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



5F7CFF



FF22FF



FF009F

# Triad

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



FF22FF



B98F00



00BBF0

# Complementary

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



FF22FF



22FF22

# 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.



00BA8B



FF22FF



53A800

# Square

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



FF22FF



FF5D00



00B40C



00B7FF

# Rectangle

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



FF22FF



FF005E



00B40C



00BBD0



# Sweetspot

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



FF22FF



FFBDFD



2222FF



805880



000000



808080



# Same Dimension

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



FF22FF



FF00FF



FF2291



807380



BF00BF



400040



# Inverse Universe

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



FF22FF



FF00FF



22FF91



807380



BF00BF



400040



# Previews

## White Background



This preview shows how the Hex color FF22FF 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 FF22FF Background



This preview shows how black text looks on a background with the Hex color FF22FF.

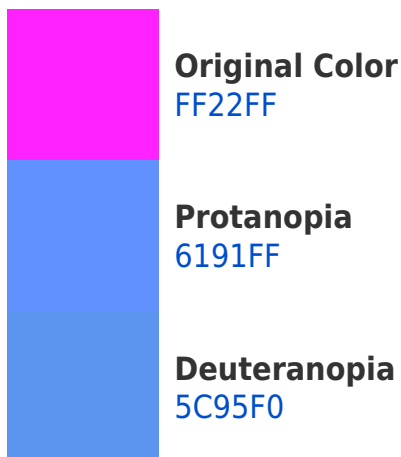



This preview shows how white text looks on a background with the Hex color FF22FF.

# 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





**Tritanopia**  
EF686F

# Trichromacy



**Original Color**  
FF22FF



**Protanomaly**  
9A69FF



**Deuteranomaly**  
976BF5



**Tritanomaly**  
F54FA3

# Monochromacy



**Original Color**  
FF22FF



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
AC5CAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF22FF 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 #FF22FF looks like.

```
.text, #text, p{  
    color:#FF22FF  
}
```

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 #FF22FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF22FF }  
}
```

## Border

The CSS property to change the border of an element to Hex FF22FF 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 #FF22FF }  
}
```

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

```
.border{ border-color:#FF22FF }
```

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

Here you see how a box with a 4 pixel #FF22FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF22FF; -webkit-box-shadow:4px 4px  
4px 4px #FF22FF; box-shadow:4px 4px 4px  
4px #FF22FF }
```

# Background

The CSS property to change the background color of an element to Hex FF22FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF22FF }
```

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

```
.background{ background-color:#FF22FF }
```

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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