

# Converting Colors

Hex(F223FF)

Have a look what the booklet for  
Hex(F223FF) contains.

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**Color**

**Hex(F223FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F223FF
RGB	242, 35, 255
RGB Percent	95%, 14%, 100%
CMY	0.0510, 0.8627, 0.0000
CMYK	0.05, 0.86, 0.00, 0.00
HSL	296°, 100%, 57%
HSV	296°, 86%, 100%
XYZ	55.2690, 27.2993, 96.9640
YIQ	121.9730, 52.7520, 112.3040

# Conversions

## Conversions Part 2

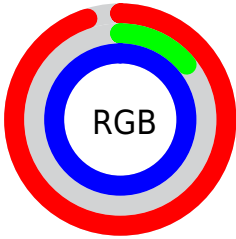
Format	Color
R <sub>Y</sub> B	242, 35, 255
Decimal	15868927
CIE <sub>Lab</sub>	59.25, 92.98, -62.68
CIE <sub>LCh</sub>	59, 112.132, 326.017
Yxy	27.2993, 0.3078, 0.1521
Android (android.graphics.Color)	4294059007 (0xFFFF223FF)
YUV	121.9730, 65.5823, 105.2637
Hunter-Lab	52.2487, 97.3829, -73.4572

# Details

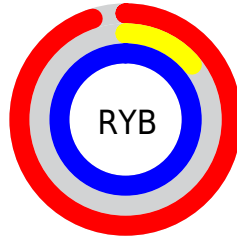
The Hex color **F223FF** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **30FF23**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF71FF**, and **B500C5** is the 20% darker color. If you saturate the color by 10%, you get **F009FF**, and if you desaturate by 10%, it is **F43CFF**.

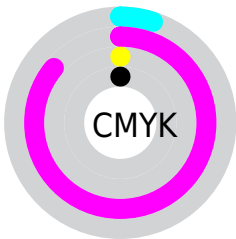
# Distribution



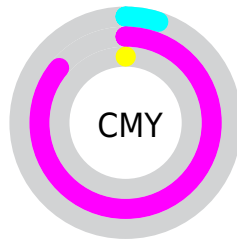
- Red (95%)
- Green (14%)
- Blue (100%)



- Red (95%)
- Yellow (14%)
- Blue (100%)



- Cyan (5%)
- Magenta (86%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (86%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F223FF 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 F223FF by changing the saturation by 10% instead.



 F223FF

 F223FF

FFFFFF

 D300E2

 FF71FF

 B500C5

 FF90FF

 9700A9

 FFAFFF

 79008E

 FFCEFF

 5B0074

 FFEDFF

 40005A

 1E0042

 00002A

 000114

 F223FF

 F223FF

 F009FF

 F43CFF

 F000FF

 F556FF

 F76FFF

 F889FF

 FAA3FF

 FBBCFF

 FDD5FF

 FEEFFF

FFFFFF

# Harmonies

## Analogous

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



337BFF



F223FF



FF00A0

# Triad

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



F223FF



B98700



00B5E4

# Complementary

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



F223FF



30FF23

# 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.



00B37E



F223FF



56A100

# Square

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



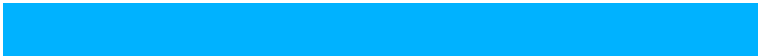
F223FF



FF5200



00AE00



00B2FF

# Rectangle

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



F223FF



FF0060



00AE00



00B5C3



# Sweetspot

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



F223FF



FBBDFE



2332FF



7D5880



000000



808080



# Same Dimension

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



F223FF



F000FF



FF23A0



7F7380



B400BF



3C0040



# Inverse Universe

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



FF2330



FF000F



23FF82



807374



BF000B



400004



# Previews

## White Background



This preview shows how the Hex color F223FF 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 F223FF Background



This preview shows how black text looks on a background with the Hex color F223FF.




This preview shows how white text looks on a background with the Hex color F223FF.

# 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**  
E1686F

# Trichromacy



**Original Color**  
F223FF



**Protanomaly**  
8E65FF



**Deuteranomaly**  
8868F5



**Tritanomaly**  
E74FA3

# Monochromacy



**Original Color**  
F223FF



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
A65AAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F223FF 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 #F223FF looks like.

```
.text, #text, p{  
    color:#F223FF  
}
```

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 #F223FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F223FF
}
```

## Border

The CSS property to change the border of an element to Hex F223FF 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
#F223FF }
```

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

```
.border{ border-color:#F223FF }
```

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

Here you see how a box with a 4 pixel #F223FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F223FF; -webkit-box-shadow:4px 4px  
4px 4px #F223FF; box-shadow:4px 4px 4px  
4px #F223FF }
```

# Background

The CSS property to change the background color of an element to Hex F223FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F223FF }
```

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

```
.background{ background-color:#F223FF }
```

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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