

# Converting Colors

Hex(FF2BE8)

Have a look what the booklet for  
Hex(FF2BE8) contains.

|  |    |
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# Color

Hex(**FF2BE8**)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FF2BE8                      |
| RGB         | 255, 43, 232                |
| RGB Percent | 100%, 17%, 91%              |
| CMY         | 0.0000, 0.8314, 0.0902      |
| CMYK        | 0.00, 0.83, 0.09, 0.00      |
| HSL         | 307°, 100%, 58%             |
| HSV         | 307°, 83%, 100%             |
| XYZ         | 56.6694, 28.8139, 78.9188   |
| YIQ         | 127.9340, 65.6830, 103.7230 |

# Conversions

## Conversions Part 2

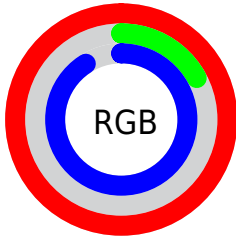
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 255, 43, 232                   |
| Decimal                             | 16722920                       |
| CIE <sub>Lab</sub>                  | 60.62, 90.58, -47.56           |
| CIE <sub>LCh</sub>                  | 61, 102.308, 332.301           |
| Yxy                                 | 28.8139, 0.3447,<br>0.1753     |
| Android<br>(android.graphics.Color) | 4294913000<br>(0xFFFF2BE8)     |
| YUV                                 | 127.9340, 51.3045,<br>111.4369 |
| Hunter-Lab                          | 53.6786, 94.5076,<br>-49.5936  |

# Details

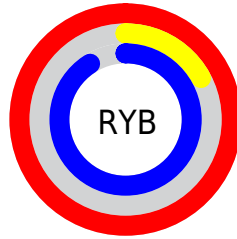
The Hex color **FF2BE8** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **2BFF42**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF75FF**, and **C200B0** is the 20% darker color. If you saturate the color by 10%, you get **FF12E5**, and if you desaturate by 10%, it is **FF45EB**.

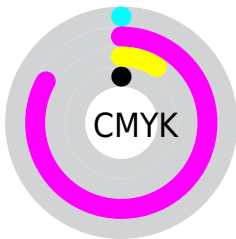
# Distribution



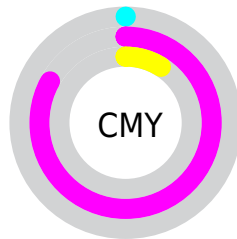
- Red (100%)
- Green (17%)
- Blue (91%)



- Red (100%)
- Yellow (17%)
- Blue (91%)



- Cyan (0%)
- Magenta (83%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (83%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF2BE8 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 FF2BE8 by changing the saturation by 10% instead.



 FF2BE8

 FF2BE8

FFFFFF

 E000CB

 FF75FF

 C200B0

 FF95FF

 A30095

 FFB4FF

 86007A

 FFD2FF

 680061

 FFF1FF

 4D0048

 2E0031

 02001A

 000000

 FF2BE8

 FF2BE8

 FF12E5

 FF45EB

 FF00E3

 FF5EEE

 FF78F0

 FF91F3

 FFABF6

 FFC4F9

 FFDEFB

 FFF7FE

FFFFFF

# Harmonies

## Analogous

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



8A75FF



FF2BE8



FF0090

# Triad

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



FF2BE8



AC9100



00B6F2

# Complementary

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



FF2BE8



2BFF42

# 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.



00B697



FF2BE8



49A700

# Square

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



FF2BE8



F16A00



00B234



00B0FF

# Rectangle

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



FF2BE8



FF0055



00B234



00B7D5



# Sweetspot

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



FF2BE8



FFBFF8



402BFF



80597B



000000



808080



# Same Dimension

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



FF2BE8



FF00E3



FF2B80



80737E



BF00AB



400039



# Inverse Universe

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



FF2BE8



FF00E3



2BFFAA



80737E



BF00AB



400039



# Previews

## White Background



This preview shows how the Hex color FF2BE8 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 FF2BE8 Background



This preview shows how black text looks on a background with the Hex color FF2BE8.

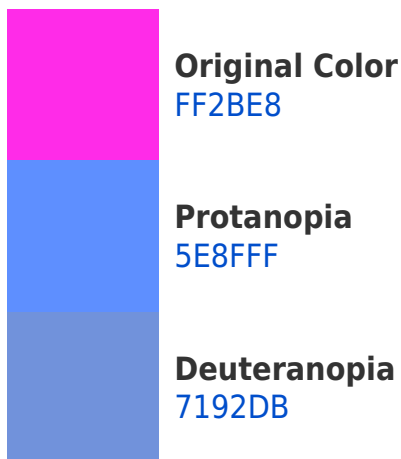



This preview shows how white text looks on a background with the Hex color FF2BE8.

# 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](#).

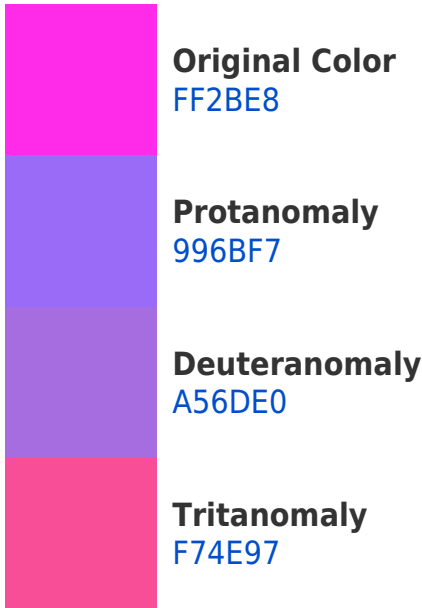
## Dichromacy





**Tritanopia**  
F26268

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF2BE8 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 #FF2BE8 looks like.

```
.text, #text, p{  
    color:#FF2BE8  
}
```

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 #FF2BE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2BE8
}
```

## Border

The CSS property to change the border of an element to Hex FF2BE8 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
#FF2BE8 }
```

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

```
.border{ border-color:#FF2BE8 }
```

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

Here you see how a box with a 4 pixel #FF2BE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2BE8; -webkit-box-shadow:4px 4px  
4px 4px #FF2BE8; box-shadow:4px 4px 4px  
4px #FF2BE8 }
```

# Background

The CSS property to change the background color of an element to Hex FF2BE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2BE8 }
```

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

```
.background{ background-color:#FF2BE8 }
```

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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