

Converting Colors

Hex(F233D9)

Have a look what the booklet for
Hex(F233D9) contains.

Hex(F233D9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F233D9)

Conversions

Conversions Part 1

Format	Color
Hex	F233D9
RGB	242, 51, 217
RGB Percent	95%, 20%, 85%
CMY	0.0510, 0.8000, 0.1490
CMYK	0.00, 0.79, 0.10, 0.05
HSL	308°, 88%, 57%
HSV	308°, 79%, 95%
XYZ	50.3262, 26.2547, 68.0608
YIQ	127.0330, 60.5500, 92.1180

Conversions

Conversions Part 2

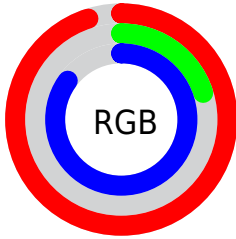
Format	Color
R_{YB}	242, 51, 217
Decimal	15872985
CIE _{Lab}	58.28, 84.34, -42.94
CIE _{LCh}	58, 94.641, 333.018
Yxy	26.2547, 0.3479, 0.1815
Android (android.graphics.Color)	4294063065 (0xFFFF233D9)
YUV	127.0330, 44.3537, 100.8261
Hunter-Lab	51.2393, 85.6502, -42.8870

Details

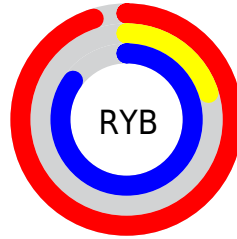
The Hex color **F233D9** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **33F24C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF77FF**, and **B500A1** is the 20% darker color. If you saturate the color by 10%, you get **F21BD6**, and if you desaturate by 10%, it is **F24BDC**.

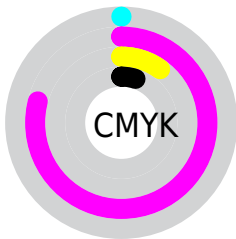
Distribution



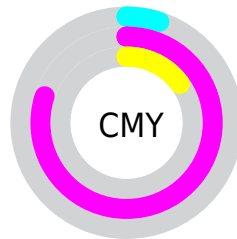
- Red (95%)
- Green (20%)
- Blue (85%)



- Red (95%)
- Yellow (20%)
- Blue (85%)



- Cyan (0%)
- Magenta (79%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (80%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color F233D9 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 F233D9 by changing the saturation by 10% instead.

 F233D9

 F233D9

FFFFFF

 D300BD

 FF77FF

 B500A1

 FF96FF

 980087

 FFB4FF

 7A006D

 FFD2FF

 5E0054

 FFF1FF

 43003C

 250025

 00010D

 000000

 F233D9

 F233D9

 F21BD6

 F24BDC

 F203D3

 F263DF

 F200D2

 F27CE3

 F294E6

 F2ACE9

 F2C4EC

 F2DCEF

 F2F5F2

 F2FFF6

Harmonies

Analogous

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



8B71FF



F233D9



FF0088

Triad

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



F233D9



A38C00



00AEE5

Complementary

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



F233D9



33F24C

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.



00AE93



F233D9



49A000

Square

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



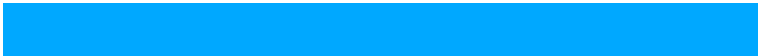
F233D9



E36900



00A939



00A8FF

Rectangle

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



F233D9



FF0052



00A939



00AECB

Sweetspot

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



F233D9



FFC2F7



4933F2



805B7B



000000



808080

Same Dimension

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



F233D9



FF0DDF



F2337C



786C76



B800A0



380031

Inverse Universe

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



F233D9



FF0DDF



33F2A9



786C76



B800A0



380031

Previews

White Background



This preview shows how the Hex color F233D9 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 F233D9 Background



This preview shows how black text looks on a background with the Hex color F233D9.

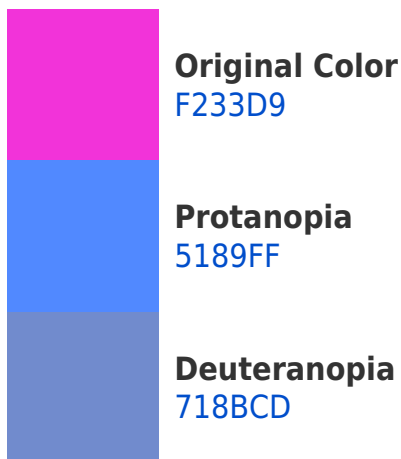


This preview shows how white text looks on a background with the Hex color F233D9.

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
E75F65

Trichromacy



Original Color
F233D9



Protanomaly
8C6AF1



Deuteranomaly
A06BD1



Tritanomaly
EB4F8F

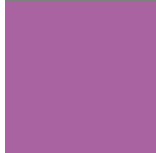
Monochromacy



Original Color
F233D9



Achromatopsia
7F7F7F



Achromatomaly
A963A0

CSS Examples

Text

The CSS property to change the color of the text to Hex F233D9 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 #F233D9 looks like.

```
.text, #text, p{  
    color:#F233D9  
}
```

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 #F233D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F233D9
}
```

Border

The CSS property to change the border of an element to Hex F233D9 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
#F233D9 }
```

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

```
.border{ border-color:#F233D9 }
```

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

Here you see how a box with a 4 pixel #F233D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F233D9; -webkit-box-shadow:4px 4px  
4px 4px #F233D9; box-shadow:4px 4px 4px  
4px #F233D9 }
```

Background

The CSS property to change the background color of an element to Hex F233D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F233D9 }
```

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

```
.background{ background-color:#F233D9 }
```

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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