

Converting Colors

Hex(F230C9)

Have a look what the booklet for
Hex(F230C9) contains.

Hex(F230C9)	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(F230C9)

Conversions

Conversions Part 1

Format	Color
Hex	F230C9
RGB	242, 48, 201
RGB Percent	95%, 19%, 79%
CMY	0.0510, 0.8118, 0.2118
CMYK	0.00, 0.80, 0.17, 0.05
HSL	313°, 88%, 57%
HSV	313°, 80%, 95%
XYZ	48.2175, 25.2082, 57.5827
YIQ	123.4480, 66.5110, 88.7110

Conversions

Conversions Part 2

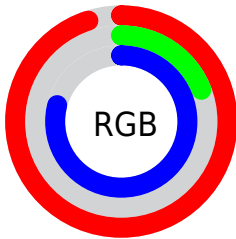
Format	Color
R _Y B	242, 48, 201
Decimal	15872201
CIE _{Lab}	57.28, 82.92, -35.40
CIE _{LCh}	57, 90.159, 336.884
Yxy	25.2082, 0.3680, 0.1924
Android (android.graphics.Color)	4294062281 (0xFFFF230C9)
YUV	123.4480, 38.2331, 103.9701
Hunter-Lab	50.2078, 83.5606, -32.8535

Details

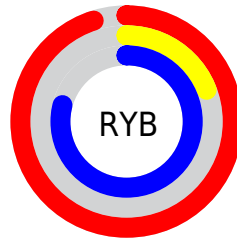
The Hex color **F230C9** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **30F259**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF75FF**, and **B50093** is the 20% darker color. If you saturate the color by 10%, you get **F218C4**, and if you desaturate by 10%, it is **F248CE**.

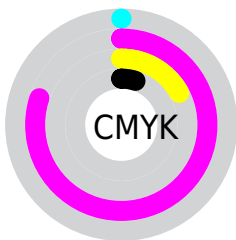
Distribution



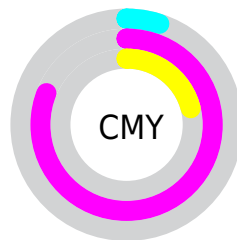
- Red (95%)
- Green (19%)
- Blue (79%)



- Red (95%)
- Yellow (19%)
- Blue (79%)



- Cyan (0%)
- Magenta (80%)
- Yellow (17%)
- Black (5%)



- Cyan (5%)
- Magenta (81%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color F230C9 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 F230C9 by changing the saturation by 10% instead.

 F230C9

 F230C9

FFFFFF

 D300AD

 FF75FF

 B50093

 FF93FF

 980078

 FFB2FF

 7A005F

 FFD0FF

 5D0047

 FFE0FF

 420030

 24001A

 000000

 F230C9

 F230C9

 F218C4

 F248CE

 F200BF

 F260D3

 F279D8

 F291DD

 F2A9E3

 F2C1E8

 F2D9ED

 F2F2F2

 F2FFF7

Harmonies

Analogous

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



9B6AFF



F230C9



FF007B

Triad

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



F230C9



978C00



00AAE7

Complementary

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



F230C9



30F259

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.



00AA9A



F230C9



3B9E00

Square

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



F230C9



D66D00



00A747



00A2FF

Rectangle

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



F230C9



FF2448



00A747



00AACF

Sweetspot

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



F230C9



FFC2F2



5730F2



805B78



000000



808080

Same Dimension

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



F230C9



FF0ACB



F2306A



786C75



B80091



38002C

Inverse Universe

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



F230C9



FF0ACB



30F2B8



786C75



B80091



38002C

Previews

White Background



This preview shows how the Hex color F230C9 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 F230C9 Background



This preview shows how black text looks on a background with the Hex color F230C9.



This preview shows how white text looks on a background with the Hex color F230C9.

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
F230C9



Protanomaly
8867EB



Deuteranomaly
A568C2



Tritanomaly
EC4A85

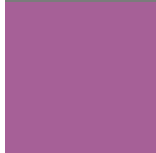
Monochromacy



Original Color
F230C9



Achromatopsia
7B7B7B



Achromatomaly
A66097

CSS Examples

Text

The CSS property to change the color of the text to Hex F230C9 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 #F230C9 looks like.

```
.text, #text, p{  
    color:#F230C9  
}
```

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 #F230C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F230C9
}
```

Border

The CSS property to change the border of an element to Hex F230C9 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
#F230C9 }
```

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

```
.border{ border-color:#F230C9 }
```

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

Here you see how a box with a 4 pixel #F230C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F230C9; -webkit-box-shadow:4px 4px  
4px 4px #F230C9; box-shadow:4px 4px 4px  
4px #F230C9 }
```

Background

The CSS property to change the background color of an element to Hex F230C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F230C9 }
```

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

```
.background{ background-color:#F230C9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor