

# Converting Colors

Hex(F221C7)

Have a look what the booklet for  
Hex(F221C7) contains.

<b>Hex(F221C7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F221C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F221C7
RGB	242, 33, 199
RGB Percent	95%, 13%, 78%
CMY	0.0510, 0.8706, 0.2196
CMYK	0.00, 0.86, 0.18, 0.05
HSL	312°, 89%, 54%
HSV	312°, 86%, 95%
XYZ	47.4706, 24.0885, 56.1804
YIQ	114.4150, 71.2780, 95.9340

# Conversions

## Conversions Part 2

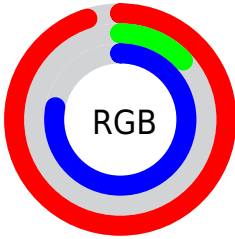
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 33, 199
Decimal	15868359
CIE Lab	56.18, 85.60, -35.97
CIE LCh	56, 92.849, 337.207
Yxy	24.0885, 0.3716, 0.1886
Android (android.graphics.Color)	4294058439 (0xFFFF221C7)
YUV	114.4150, 41.7004, 111.8920
Hunter-Lab	49.0800, 86.7567, -33.5114

# Details

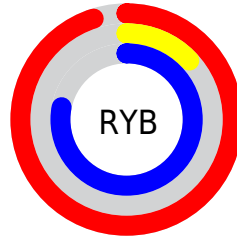
The Hex color **F221C7** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **21F24C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF6DFF**, and **B50091** is the 20% darker color. If you saturate the color by 10%, you get **F209C2**, and if you desaturate by 10%, it is **F239CC**.

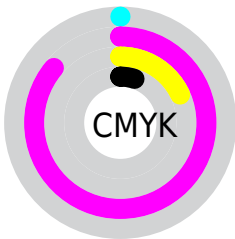
# Distribution



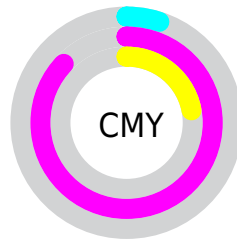
- Red (95%)
- Green (13%)
- Blue (78%)



- Red (95%)
- Yellow (13%)
- Blue (78%)



- Cyan (0%)
- Magenta (86%)
- Yellow (18%)
- Black (5%)



- Cyan (5%)
- Magenta (87%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F221C7 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 F221C7 by changing the saturation by 10% instead.



 F221C7

 F221C7

FFFFFF

 D300AB

 FF6DFF

 B50091

 FF8CFF

 970077

 FFABFF

 7A005D


 FFC9FF

 5D0045

 FFE8FF

 41002E

 220018

 000000

 F221C7

 F221C7

 F209C2

 F239CC

 F200C0

 F251D1

 F26AD6

 F282DB

 F29AE0

 F2B2E5

 F2CAEA

 F2E3EF

 F2FBF4

# Harmonies

## Analogous

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



9965FF



F221C7



FF0077

# Triad

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



F221C7



938A00



00A7E8

# Complementary

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



F221C7



21F24C

# 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.



00A799



F221C7



309C00

# Square

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



F221C7



D46A00



00A443



00A0FF

# Rectangle

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



F221C7



FF1143



00A443



00A8CF



# Sweetspot

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



F221C7



FFBDF1



4B21F2



805877



000000



808080



# Same Dimension

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



F221C7



FF00CB



F22160



786C75



B80092



38002D



# Inverse Universe

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



F221C7



FF00CB



21F2B3



786C75



B80092



38002D



# Previews

## White Background



This preview shows how the Hex color F221C7 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 F221C7 Background



This preview shows how black text looks on a background with the Hex color F221C7.



This preview shows how white text looks on a background with the Hex color F221C7.

# 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**  
E85358

# Trichromacy



**Original Color**  
F221C7



**Protanomaly**  
835FEB



**Deuteranomaly**  
A361BF



**Tritanomaly**  
EC4180

# Monochromacy



**Original Color**  
F221C7



**Achromatopsia**  
727272



**Achromatomaly**  
A15591

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F221C7 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 #F221C7 looks like.

```
.text, #text, p{  
    color:#F221C7  
}
```

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 #F221C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F221C7
}
```

## Border

The CSS property to change the border of an element to Hex F221C7 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
#F221C7 }
```

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

```
.border{ border-color:#F221C7 }
```

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

Here you see how a box with a 4 pixel #F221C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F221C7; -webkit-box-shadow:4px 4px  
4px 4px #F221C7; box-shadow:4px 4px 4px  
4px #F221C7 }
```

# Background

The CSS property to change the background color of an element to Hex F221C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F221C7 }
```

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

```
.background{ background-color:#F221C7 }
```

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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