

# Converting Colors

Hex(F126CF)

Have a look what the booklet for  
Hex(F126CF) contains.

<b>Hex(F126CF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(F126CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	F126CF
RGB	241, 38, 207
RGB Percent	95%, 15%, 81%
CMY	0.0549, 0.8510, 0.1882
CMYK	0.00, 0.84, 0.14, 0.05
HSL	310°, 88%, 55%
HSV	310°, 84%, 95%
XYZ	48.2312, 24.5920, 61.2361
YIQ	117.9630, 66.7390, 95.5950

# Conversions

## Conversions Part 2

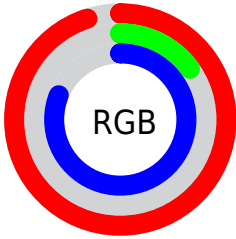
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 38, 207
Decimal	15804111
CIE <sub>Lab</sub>	56.68, 85.55, -39.78
CIE <sub>LCh</sub>	57, 94.351, 335.061
Y <sub>xy</sub>	24.5920, 0.3598, 0.1834
Android (android.graphics.Color)	4293994191 (0xFFFF126CF)
YUV	117.9630, 43.8952, 107.9034
Hunter-Lab	49.5903, 86.8249, -38.5005

# Details

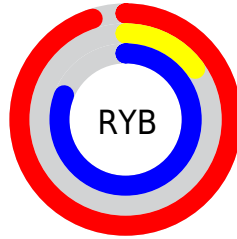
The Hex color **F126CF** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **26F148**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF70FF**, and **B40098** is the 20% darker color. If you saturate the color by 10%, you get **F10ECB**, and if you desaturate by 10%, it is **F13ED3**.

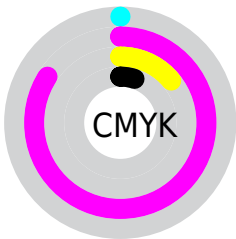
# Distribution



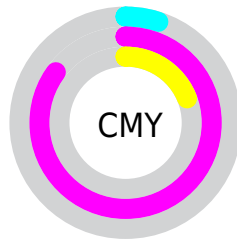
- Red (95%)
- Green (15%)
- Blue (81%)



- Red (95%)
- Yellow (15%)
- Blue (81%)



- Cyan (0%)
- Magenta (84%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (85%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F126CF 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 F126CF by changing the saturation by 10% instead.



 F126CF

 F126CF

FFFFFF

 D200B3

 FF70FF

 B40098

 FF8FFF

 96007E

 FFADFF

 790064

 FFCBFF

 5C004C

 FFEAFF

 400034

 22001E

 000000

 F126CF

 F126CF

 F10ECB

 F13ED3

 F100C9

 F156D7

 F16EDB

 F186DF

 F19EE3

 F1B7E7

 F1CFEB

 F1E7EF

 F1FFF3

# Harmonies

## Analogous

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



9069FF



F126CF



FF007E

# Triad

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



F126CF



998A00



00A9E6

# Complementary

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



F126CF



26F148

# 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.



00A994



F126CF



3A9C00

# Square

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



F126CF



DA6800



00A53C



00A2FF

# Rectangle

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



F126CF



FF0049



00A53C



00AACC



# Sweetspot

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



F126CF



FFBFF4



4826F1



805979



000000



808080



# Same Dimension

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



F126CF



FF00D4



F1266A



786C76



B80099



38002F



# Inverse Universe

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



F126CF



FF00D4



26F1AD



786C76



B80099



38002F



# Previews

## White Background



This preview shows how the Hex color F126CF looks on a white background.

## Color Contrast Check

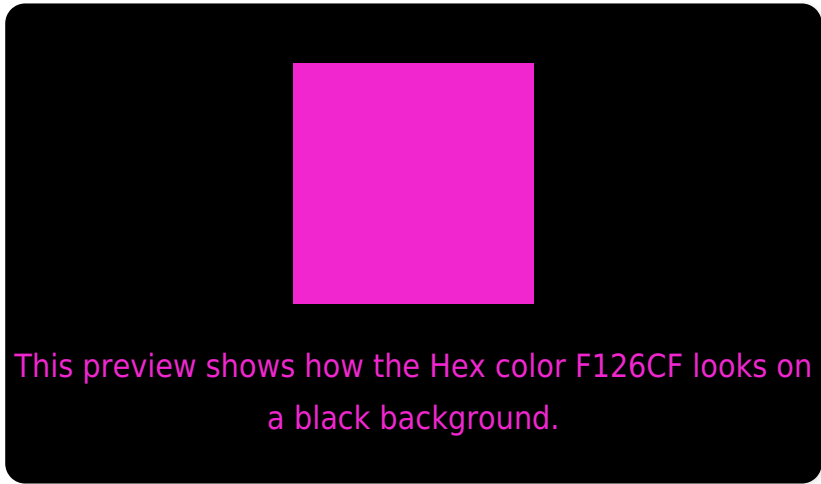
Large Text (above 18pt) WCAG AA ✓ Pass

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 F126CF Background



This preview shows how black text looks on a background with the Hex color F126CF.

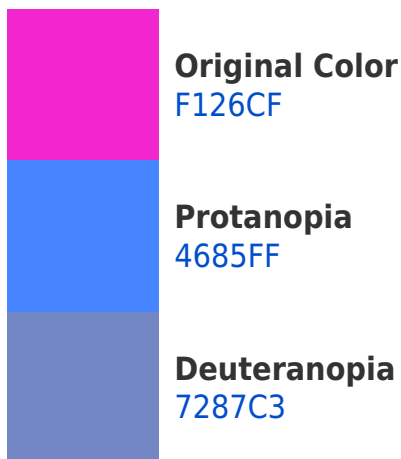


This preview shows how white text looks on a background with the Hex color F126CF.

# 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**  
E7575C

# Trichromacy



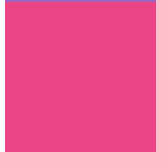
**Original Color**  
F126CF



**Protanomaly**  
8462EE



**Deuteranomaly**  
A064C7



**Tritanomaly**  
EB4586

# Monochromacy



**Original Color**  
F126CF



**Achromatopsia**  
767676



**Achromatomaly**  
A35996

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F126CF 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 #F126CF looks like.

```
.text, #text, p{  
  color:#F126CF  
}
```

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 #F126CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F126CF
}
```

## Border

The CSS property to change the border of an element to Hex F126CF 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
#F126CF }
```

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

```
.border{ border-color:#F126CF }
```

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

Here you see how a box with a 4 pixel #F126CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F126CF; -webkit-box-shadow:4px 4px  
4px 4px #F126CF; box-shadow:4px 4px 4px  
4px #F126CF }
```

# Background

The CSS property to change the background color of an element to Hex F126CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F126CF }
```

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

```
.background{ background-color:#F126CF }
```

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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