

# Converting Colors

Hex(F021C6)

Have a look what the booklet for  
Hex(F021C6) contains.

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**Color**

**Hex(F021C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F021C6
RGB	240, 33, 198
RGB Percent	94%, 13%, 78%
CMY	0.0588, 0.8706, 0.2235
CMYK	0.00, 0.86, 0.17, 0.06
HSL	312°, 87%, 54%
HSV	312°, 86%, 94%
XYZ	46.6721, 23.6902, 55.5389
YIQ	113.7030, 70.4070, 95.1990

# Conversions

## Conversions Part 2

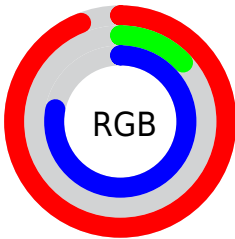
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 33, 198
Decimal	15737286
CIE Lab	55.78, 85.09, -36.05
CIE LCh	56, 92.407, 337.040
Yxy	23.6902, 0.3707, 0.1882
Android (android.graphics.Color)	4293927366 (0xFFFF021C6)
YUV	113.7030, 41.5584, 110.7625
Hunter-Lab	48.6726, 85.9865, -33.5833

# Details

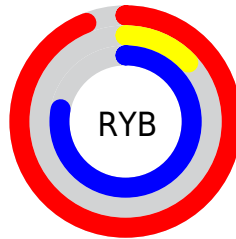
The Hex color **F021C6** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **21F04B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF6DFF**, and **B30090** is the 20% darker color. If you saturate the color by 10%, you get **F009C1**, and if you desaturate by 10%, it is **F039CB**.

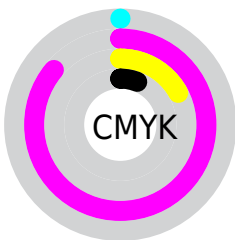
# Distribution



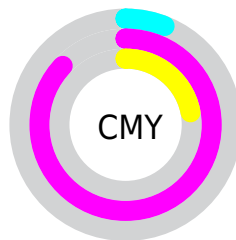
- Red (94%)
- Green (13%)
- Blue (78%)



- Red (94%)
- Yellow (13%)
- Blue (78%)



- Cyan (0%)
- Magenta (86%)
- Yellow (17%)
- Black (6%)



- Cyan (6%)
- Magenta (87%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F021C6 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 F021C6 by changing the saturation by 10% instead.



 F021C6

 F021C6

FFFFFF

 D100AA

 FF6DFF

 B30090

 FF8CFF

 950076

 FFAAFF

 78005D

 FFC9FF

 5B0044

 FFE7FF

 3F002E

 200017

 000000

 F021C6

 F021C6

 F009C1

 F039CB

 F000BF

 F051D0

 F069D5

 F081D9

 F099DE

 F0B1E3

 F0C9E8

 F0E1ED

 F0F9F2

# Harmonies

## Analogous

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



9765FF



F021C6



FF0077

# Triad

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



F021C6



928900



00A6E6

# Complementary

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



F021C6



21F04B

# 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.



00A697



F021C6



309A00

# Square

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



F021C6



D26900



00A341



009FFF

# Rectangle

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



F021C6



FF0F43



00A341



00A6CD



# Sweetspot

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



F021C6



FFBDF2



4A21F0



805877



000000



808080



# Same Dimension

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



F021C6



FF00CB



F0215F



786C75



B80092



38002D



# Inverse Universe

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



F021C6



FF00CB



21F0B2



786C75



B80092



38002D



# Previews

## White Background



This preview shows how the Hex color F021C6 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

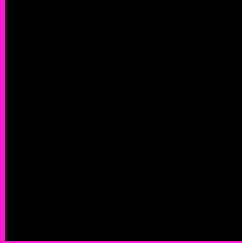
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F021C6 Background



This preview shows how black text looks on a background with the Hex color F021C6.

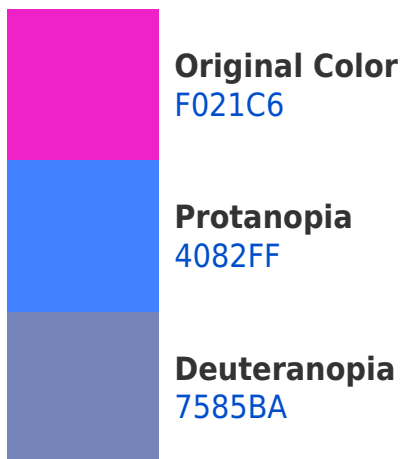


This preview shows how white text looks on a background with the Hex color F021C6.

# 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](#).

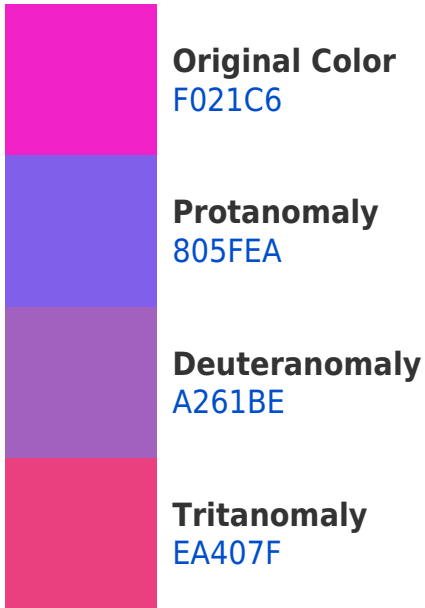
## Dichromacy



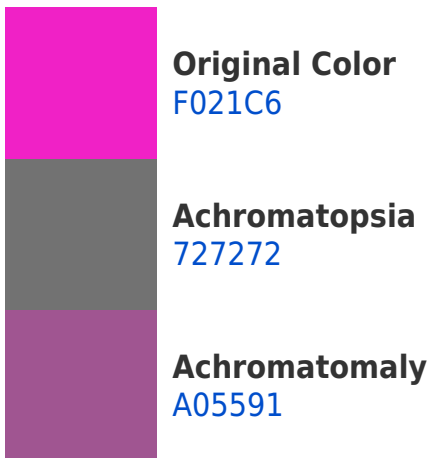


**Tritanopia**  
E65257

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F021C6 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 #F021C6 looks like.

```
.text, #text, p{  
    color:#F021C6  
}
```

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 #F021C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F021C6
}
```

## Border

The CSS property to change the border of an element to Hex F021C6 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
#F021C6 }
```

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

```
.border{ border-color:#F021C6 }
```

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

Here you see how a box with a 4 pixel #F021C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F021C6; -webkit-box-shadow:4px 4px  
4px 4px #F021C6; box-shadow:4px 4px 4px  
4px #F021C6 }
```

# Background

The CSS property to change the background color of an element to Hex F021C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F021C6 }
```

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

```
.background{ background-color:#F021C6 }
```

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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