

# Converting Colors

Hex(F24FCE)

Have a look what the booklet for  
Hex(F24FCE) contains.

<b>Hex(F24FCE)</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(F24FCE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F24FCE
RGB	242, 79, 206
RGB Percent	95%, 31%, 81%
CMY	0.0510, 0.6902, 0.1922
CMYK	0.00, 0.67, 0.15, 0.05
HSL	313°, 86%, 63%
HSV	313°, 67%, 95%
XYZ	50.5545, 28.9254, 61.3112
YIQ	142.2150, 56.3810, 74.0530

# Conversions

## Conversions Part 2

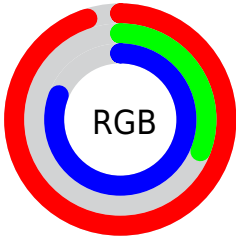
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 79, 206
Decimal	15880142
CIE Lab	60.72, 74.44, -32.89
CIE LCh	61, 81.383, 336.166
Yxy	28.9254, 0.3591, 0.2054
Android (android.graphics.Color)	4294070222 (0xFFFF24FCE)
YUV	142.2150, 31.4460, 87.5114
Hunter-Lab	53.7824, 73.6678, -29.9421

# Details

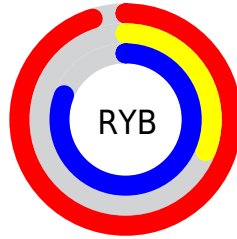
The Hex color **F24FCE** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **4FF273**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF8BFF**, and **B60097** is the 20% darker color. If you saturate the color by 10%, you get **F237C9**, and if you desaturate by 10%, it is **F267D3**.

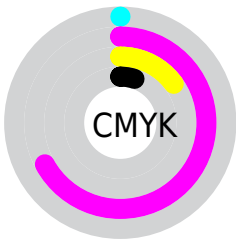
# Distribution



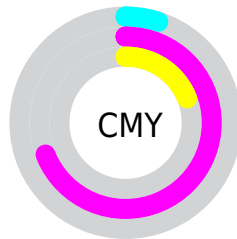
- Red (95%)
- Green (31%)
- Blue (81%)



- Red (95%)
- Yellow (31%)
- Blue (81%)



- Cyan (0%)
- Magenta (67%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (69%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F24FCE 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 F24FCE by changing the saturation by 10% instead.



 F24FCE

 F24FCE

FFFFFF

 D42CB2

 FF8BFF

 B60097

 FFA8FF

 99007D

 FFC6FF

 7C0064

 FFE4FF

 60004B

 450035

 28001E

 000000

 F24FCE

 F24FCE

 F237C9

 F267D3

 F21FC3

 F27FD9

 F206BE

 F298DE

 F200BD

 F2B0E3

 F2C8E9

 F2E0EE

 F2F8F3

 F2FFF9

 F2FFFE

# Harmonies

## Analogous

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



A378FF



F24FCE



FF3887

# Triad

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



F24FCE



A39400



00B1E6

# Complementary

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



F24FCE



4FF273

# 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.



00B2A0



F24FCE



55A500

# Square

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



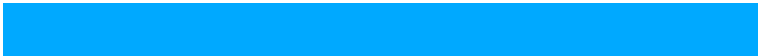
F24FCE



DD7900



00AE54



00A9FF

# Rectangle

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



F24FCE



FF4758



00AE54



00B2D0



# Sweetspot

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



F24FCE



FFCCF4



724FF2



806179



000000



808080



# Same Dimension

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



F24FCE



FF30D1



F24F7D



786C75



B8008F



38002C



# Inverse Universe

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



F24FCE



FF30D1



4FF2C4



786C75



B8008F

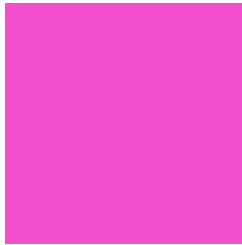


38002C



# Previews

## White Background



This preview shows how the Hex color F24FCE 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 F24FCE Background



This preview shows how black text looks on a background with the Hex color F24FCE.

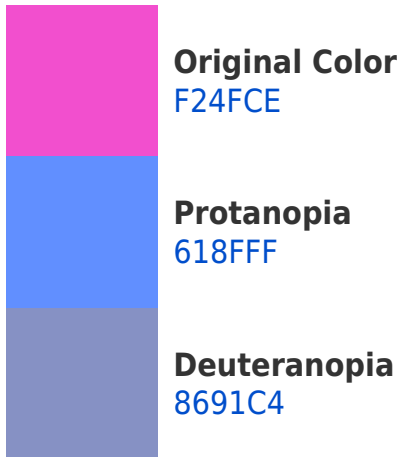


This preview shows how white text looks on a background with the Hex color F24FCE.

# 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**  
E96A71

# Trichromacy



**Original Color**  
F24FCE



**Protanomaly**  
9678ED



**Deuteranomaly**  
AD79C8



**Tritanomaly**  
EC6093

# Monochromacy



**Original Color**  
F24FCE



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
B277A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F24FCE 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 #F24FCE looks like.

```
.text, #text, p{  
    color:#F24FCE  
}
```

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 #F24FCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F24FCE
}
```

## Border

The CSS property to change the border of an element to Hex F24FCE 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
#F24FCE }
```

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

```
.border{ border-color:#F24FCE }
```

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

Here you see how a box with a 4 pixel #F24FCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F24FCE; -webkit-box-shadow:4px 4px  
4px 4px #F24FCE; box-shadow:4px 4px 4px  
4px #F24FCE }
```

# Background

The CSS property to change the background color of an element to Hex F24FCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F24FCE }
```

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

```
.background{ background-color:#F24FCE }
```

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