

Converting Colors

Hex(F234FE)

Have a look what the booklet for
Hex(F234FE) contains.

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Color

Hex(F234FE)

Conversions

Conversions Part 1

Format	Color
Hex	F234FE
RGB	242, 52, 254
RGB Percent	95%, 20%, 100%
CMY	0.0510, 0.7961, 0.0039
CMYK	0.05, 0.80, 0.00, 0.00
HSL	296°, 99%, 60%
HSV	296°, 80%, 100%
XYZ	55.7353, 28.4890, 96.3273
YIQ	131.8380, 48.3980, 103.1020

Conversions

Conversions Part 2

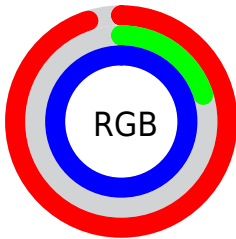
Format	Color
R _Y B	242, 52, 254
Decimal	15873278
CIE Lab	60.33, 89.51, -60.40
CIE LCh	60, 107.976, 325.989
Yxy	28.4890, 0.3087, 0.1578
Android (android.graphics.Color)	4294063358 (0xFFFF234FE)
YUV	131.8380, 60.2259, 96.6121
Hunter-Lab	53.3751, 92.9869, -69.6395

Details

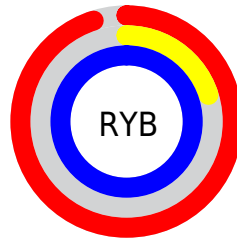
The Hex color **F234FE** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **40FE34**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF79FF**, and **B500C4** is the 20% darker color. If you saturate the color by 10%, you get **F01BFE**, and if you desaturate by 10%, it is **F44DFE**.

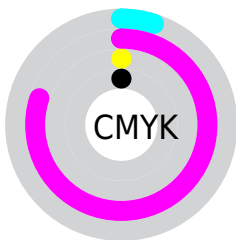
Distribution



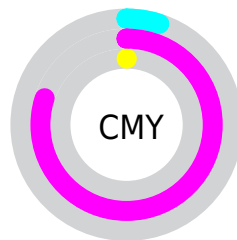
- Red (95%)
- Green (20%)
- Blue (100%)



- Red (95%)
- Yellow (20%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color F234FE 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 F234FE by changing the saturation by 10% instead.

 F234FE

 F234FE

FFFFFF

 D300E1

 FF79FF

 B500C4

 FF98FF

 9700A9

 FFB7FF

 7A008D

 FFD5FF

 5C0073

 FFF4FF

 41005A

 200041

 00002A

 000114

 F234FE

 F234FE

 F01BFE

 F44DFE

 EF01FE

 F567FE

 EF00FE

 F780FE

 F89AFE

 FAB3FE

 FBCCFE

 FDE6FE

FEFFFE

FFFFFFE

Harmonies

Analogous

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



487EFF



F234FE



FF00A3

Triad

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



F234FE



BC8A00



00B7E3

Complementary

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



F234FE



40FE34

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.



00B681



F234FE



5DA400

Square

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



F234FE



FF5900



00B000



00B3FF

Rectangle

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



F234FE



FF0064



00B000



00B7C4

Sweetspot

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



F234FE



FBC2FF



3441FE



7D5B80



000000



808080

Same Dimension

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



F234FE



F10DFF



FE34A6



7F7380



B400BF



3C0040

Inverse Universe

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



FE3440



FF0D1B



34FE8C



807374



BF000B



400004

Previews

White Background



This preview shows how the Hex color F234FE 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

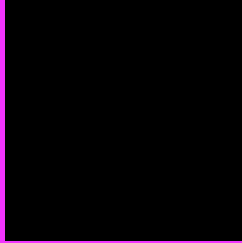
Any Text WCAG AA ✓ Pass

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 F234FE Background



This preview shows how black text looks on a background with the Hex color F234FE.

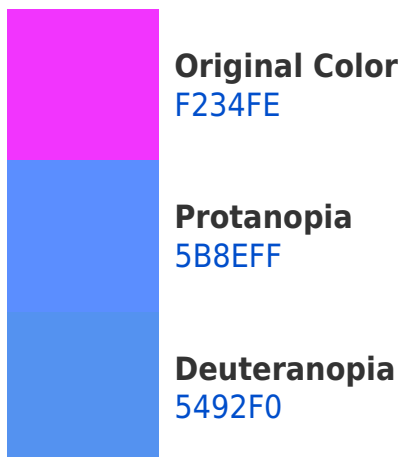



This preview shows how white text looks on a background with the Hex color F234FE.

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](#).

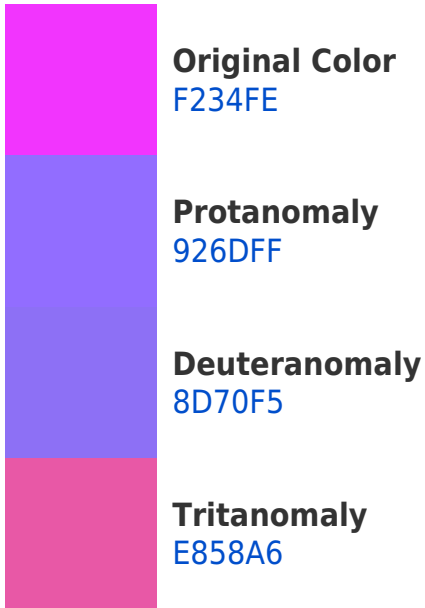
Dichromacy





Tritanopia
E26C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F234FE 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 #F234FE looks like.

```
.text, #text, p{  
    color:#F234FE  
}
```

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 #F234FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F234FE
}
```

Border

The CSS property to change the border of an element to Hex F234FE 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
#F234FE }
```

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

```
.border{ border-color:#F234FE }
```

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

Here you see how a box with a 4 pixel #F234FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F234FE; -webkit-box-shadow:4px 4px  
4px 4px #F234FE; box-shadow:4px 4px 4px  
4px #F234FE }
```

Background

The CSS property to change the background color of an element to Hex F234FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F234FE }
```

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

```
.background{ background-color:#F234FE }
```

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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