

Converting Colors

Hex(F46DEB)

Have a look what the booklet for
Hex(F46DEB) contains.

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Color

Hex(F46DEB)

Conversions

Conversions Part 1

Format	Color
Hex	F46DEB
RGB	244, 109, 235
RGB Percent	96%, 43%, 92%
CMY	0.0431, 0.5725, 0.0784
CMYK	0.00, 0.55, 0.04, 0.04
HSL	304°, 86%, 69%
HSV	304°, 55%, 96%
XYZ	57.7723, 36.1685, 82.5336
YIQ	163.7290, 40.0140, 67.8060

Conversions

Conversions Part 2

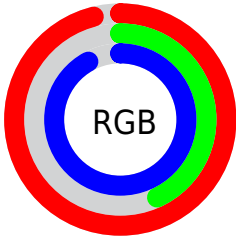
Format	Color
RYB	244, 109, 235
Decimal	16018923
CIELab	66.65, 67.30, -39.86
CIELCh	67, 78.217, 329.363
Yxy	36.1685, 0.3274, 0.2050
Android (android.graphics.Color)	4294209003 (0xFFFF46DEB)
YUV	163.7290, 35.1366, 70.3977
Hunter-Lab	60.1403, 66.2261, -39.2685

Details

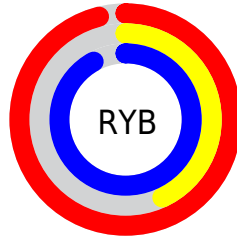
The Hex color **F46DEB** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **6DF476**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFA6FF**, and **B931B3** is the 20% darker color. If you saturate the color by 10%, you get **F455E9**, and if you desaturate by 10%, it is **F485ED**.

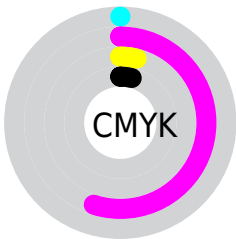
Distribution



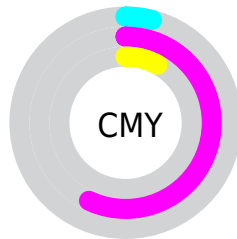
- Red (96%)
- Green (43%)
- Blue (92%)



- Red (96%)
- Yellow (43%)
- Blue (92%)



- Cyan (0%)
- Magenta (55%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (57%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color F46DEB 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 F46DEB by changing the saturation by 10% instead.

 F46DEB

 F46DEB

FFFFFF

 D650CF

 FFA6FF

 B931B3

 FFC3FF

 9C0198

 FFE0FF

 80007D

FFFEFF

 640064

 49004B

 2F0034

 06001E

 000000

 F46DEB

 F46DEB

 F455E9

 F485ED

 F43CE8

 F49EEE

 F424E6

 F4B6F0

 F40BE4

 F4CFF2

 F400E4

 F4E7F3

 F4FFF5

 F4FFF6

 F4FFF8

 F4FFFA

Harmonies

Analogous

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



9A90FF



F46DEB



FF55A7

Triad

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



F46DEB



C39F00



00C1E5

Complementary

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



F46DEB



6DF476

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.



00C19E



F46DEB



7EB200

Square

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



F46DEB



F9821F



00BD56



00BBFF

Rectangle

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



F46DEB



FF5A78



00BD56



00C2CF

Sweetspot

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



F46DEB



FFD4FC



766DF4



80667E



000000



808080

Same Dimension

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



F46DEB



FF57F4



F46DA8



7A6E7A



BA00AE



3B0037

Inverse Universe

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



F46DEB



FF57F4



6DF4B9



7A6E7A



BA00AE



3B0037

Previews

White Background



This preview shows how the Hex color F46DEB looks on a white background.

Color Contrast Check

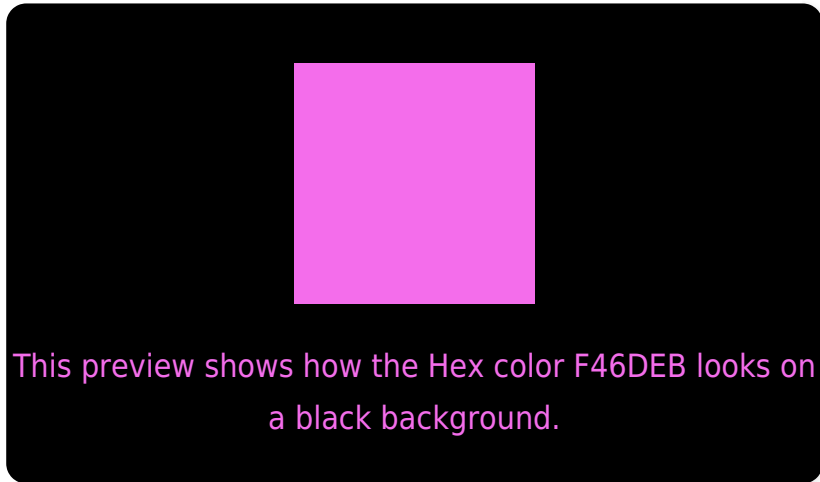
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex F46DEB Background



This preview shows how black text looks on a background with the Hex color F46DEB.

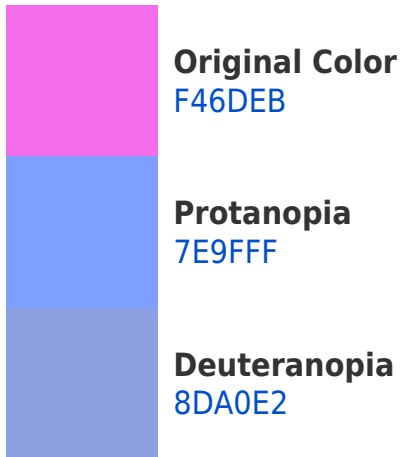


This preview shows how white text looks on a background with the Hex color F46DEB.

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](#).

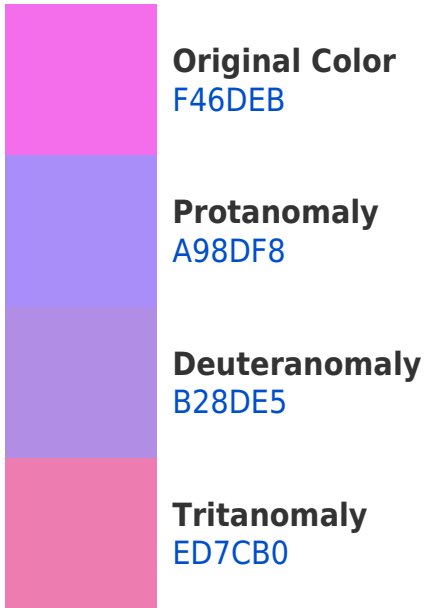
Dichromacy





Tritanopia
E9858E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F46DEB 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 #F46DEB looks like.

```
.text, #text, p{  
    color:#F46DEB  
}
```

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 #F46DEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F46DEB
}
```

Border

The CSS property to change the border of an element to Hex F46DEB 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
#F46DEB }
```

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

```
.border{ border-color:#F46DEB }
```

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

Here you see how a box with a 4 pixel #F46DEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F46DEB; -webkit-box-shadow:4px 4px  
4px 4px #F46DEB; box-shadow:4px 4px 4px  
4px #F46DEB }
```

Background

The CSS property to change the background color of an element to Hex F46DEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F46DEB }
```

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

```
.background{ background-color:#F46DEB }
```

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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