

Converting Colors

Hex(FB3DEC)

Have a look what the booklet for
Hex(FB3DEC) contains.

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Color

Hex(FB3DEC)

Conversions

Conversions Part 1

Format	Color
Hex	FB3DEC
RGB	251, 61, 236
RGB Percent	98%, 24%, 93%
CMY	0.0157, 0.7608, 0.0745
CMYK	0.00, 0.76, 0.06, 0.02
HSL	305°, 96%, 61%
HSV	305°, 76%, 98%
XYZ	56.5927, 29.9028, 82.1459
YIQ	137.7600, 57.0650, 94.7050

Conversions

Conversions Part 2

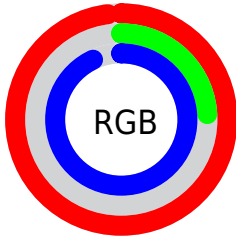
Format	Color
RYB	251, 61, 236
Decimal	16465388
CIELab	61.57, 86.29, -48.33
CIELCh	62, 98.898, 330.747
Yxy	29.9028, 0.3356, 0.1773
Android (android.graphics.Color)	4294655468 (0xFFFB3DEC)
YUV	137.7600, 48.4323, 99.3115
Hunter-Lab	54.6835, 89.0361, -50.7874

Details

The Hex color **FB3DEC** 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 **3DFB4C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF80FF**, and **BE00B3** is the 20% darker color. If you saturate the color by 10%, you get **FB24EA**, and if you desaturate by 10%, it is **FB56EE**.

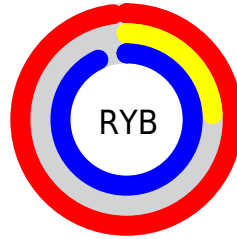
Distribution



Red (98%)

Green (24%)

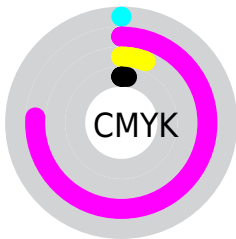
Blue (93%)



Red (98%)

Yellow (24%)

Blue (93%)

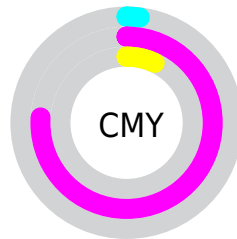


Cyan (0%)

Magenta (76%)

Yellow (6%)

Black (2%)



Cyan (2%)

Magenta (76%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB3DEC 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 FB3DEC by changing the saturation by 10% instead.

 FB3DEC

 FB3DEC

FFFFFF

 DC00CF

 FF80FF

 BE00B3

 FF9EFF

 A00098

 FFBCFF

 83007E

 FFDBFF

 660064

 FFF9FF

 4A004C

 2D0034

 00001D

 000000

 FB3DEC

 FB3DEC

 FB24EA

 FB56EE

 FB0BE8

 FB6FF0

 FB00E7

 FB88F2

 FBA1F4

 FBBBF6

 FBD4F8

 FBEDFA

 FBFFFC

 FBFFFE

Harmonies

Analogous

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



857CFF



FB3DEC



FF0097

Triad

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



FB3DEC



B39200



00B8ED

Complementary

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



FB3DEC



3DFB4C

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.



00B895



FB3DEC



57A800

Square

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



FB3DEC



F56C00



00B335



00B3FF

Rectangle

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



FB3DEC



FF005D



00B335



00B9D1

Sweetspot

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



FB3DEC



FFC4FA



4A3DFB



805C7D



000000



808080

Same Dimension

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



FB3DEC



FF17ED



FB3D8F



7D707C



BD00AE



3D0038

Inverse Universe

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



FB3DEC



FF17ED



3DFBA9



7D707C



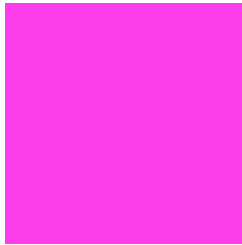
BD00AE



3D0038

Previews

White Background



This preview shows how the Hex color FB3DEC looks on a white background.

Color Contrast Check

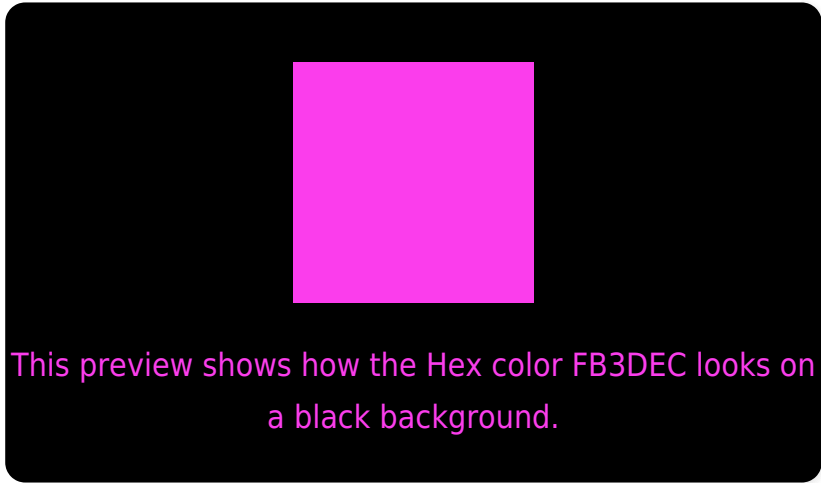
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB3DEC Background



This preview shows how black text looks on a background with the Hex color FB3DEC.

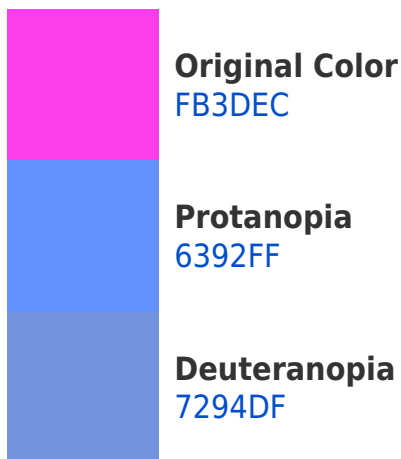



This preview shows how white text looks on a background with the Hex color FB3DEC.

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](#).

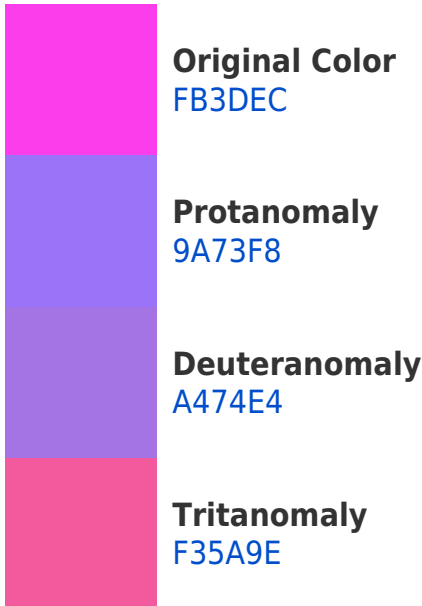
Dichromacy





Tritanopia
EE6A71

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FB3DEC 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 #FB3DEC looks like.

```
.text, #text, p{  
    color:#FB3DEC  
}
```

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 #FB3DEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB3DEC }  
}
```

Border

The CSS property to change the border of an element to Hex FB3DEC 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 #FB3DEC }  
}
```

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

```
.border{ border-color:#FB3DEC }
```

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

Here you see how a box with a 4 pixel #FB3DEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB3DEC; -webkit-box-shadow:4px 4px  
4px 4px #FB3DEC; box-shadow:4px 4px 4px  
4px #FB3DEC }
```

Background

The CSS property to change the background color of an element to Hex FB3DEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB3DEC }
```

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

```
.background{ background-color:#FB3DEC }
```

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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