

Converting Colors

Hex(FB36E8)

Have a look what the booklet for
Hex(FB36E8) contains.

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Color

Hex(FB36E8)

Conversions

Conversions Part 1

Format	Color
Hex	FB36E8
RGB	251, 54, 232
RGB Percent	98%, 21%, 91%
CMY	0.0157, 0.7882, 0.0902
CMYK	0.00, 0.78, 0.08, 0.02
HSL	306°, 96%, 60%
HSV	306°, 78%, 98%
XYZ	55.6683, 28.9738, 79.0024
YIQ	133.1950, 60.2740, 97.1220

Conversions

Conversions Part 2

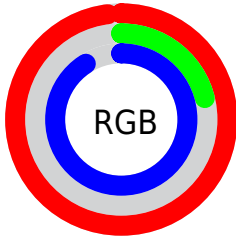
Format	Color
RYB	251, 54, 232
Decimal	16463592
CIELab	60.76, 87.48, -47.38
CIElCh	61, 99.486, 331.563
Yxy	28.9738, 0.3402, 0.1771
Android (android.graphics.Color)	4294653672 (0xFFFB36E8)
YUV	133.1950, 48.7109, 103.3150
Hunter-Lab	53.8273, 90.4074, -49.3409

Details

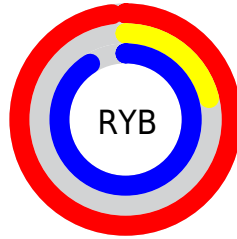
The Hex color **FB36E8** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **36FB49**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF7BFF**, and **BE00B0** is the 20% darker color. If you saturate the color by 10%, you get **FB1DE6**, and if you desaturate by 10%, it is **FB4FEA**.

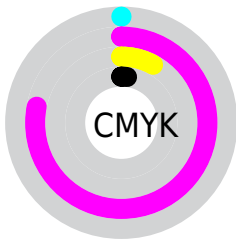
Distribution



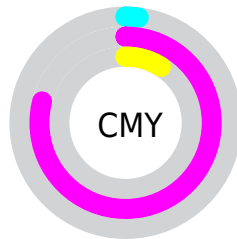
- Red (98%)
- Green (21%)
- Blue (91%)



- Red (98%)
- Yellow (21%)
- Blue (91%)



- Cyan (0%)
- Magenta (78%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (79%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB36E8 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 FB36E8 by changing the saturation by 10% instead.

 FB36E8

 FB36E8

FFFFFF

 DC00CC

 FF7BFF

 BE00B0

 FF9AFF

 A00095

 FFB8FF

 83007A

 FFD7FF

 650061

 FFF5FF

 4A0048

 2C0031

 00001A

 000000

 FB36E8

 FB36E8

 FB1DE6

 FB4FEA

 FB04E3

 FB68ED

 FB00E3

 FB81EF

 FB9AF2

 FBB3F4

 FBCDF7

 FBE6F9

 FBFFFB

 FBFFFE

Harmonies

Analogous

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



8778FF



FB36E8



FF0092

Triad

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



FB36E8



AE9100



00B6ED

Complementary

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



FB36E8



36FB49

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.



00B695



FB36E8



50A700

Square

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



FB36E8



F16A00



00B135



00B0FF

Rectangle

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



FB36E8



FF0059



00B135



00B7D1

Sweetspot

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



FB36E8



FFC2F9



4636FB



805B7C



000000



808080

Same Dimension

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



FB36E8



FF0FE8



FB3688



7D707C



BD00AB



3D0037

Inverse Universe

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



FB36E8



FF0FE8



36FBA9



7D707C



BD00AB



3D0037

Previews

White Background



This preview shows how the Hex color FB36E8 looks on a white background.

Color Contrast Check

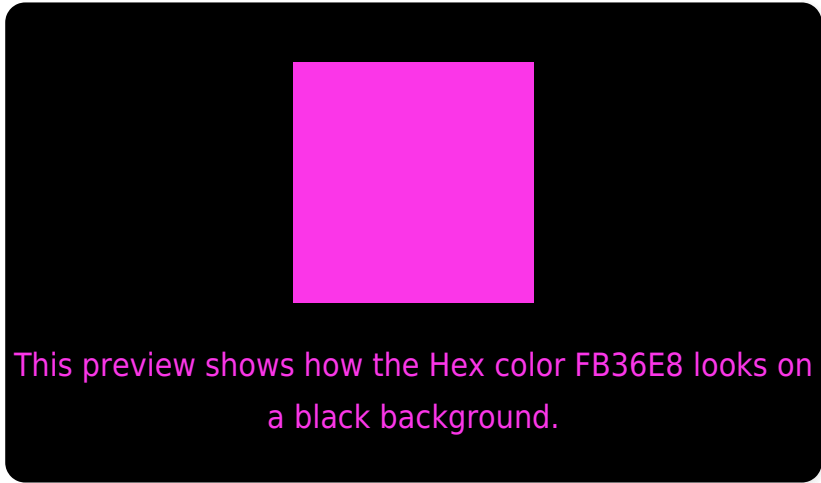
Large Text (above 18pt) WCAG AA ✓ Pass

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

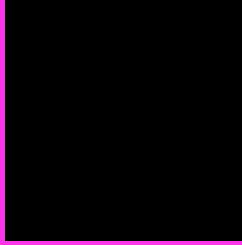
Any Text WCAG AA ✓ Pass

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 FB36E8 Background



This preview shows how black text looks on a background with the Hex color FB36E8.

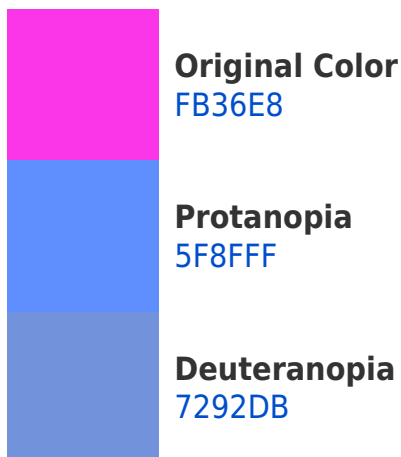



This preview shows how white text looks on a background with the Hex color FB36E8.

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



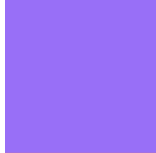


Tritanopia
EE666C

Trichromacy



Original Color
FB36E8



Protanomaly
986FF7



Deuteranomaly
A471E0



Tritanomaly
F35599

Monochromacy



Original Color
FB36E8



Achromatopsia
858585



Achromatomaly
B068A9

CSS Examples

Text

The CSS property to change the color of the text to Hex FB36E8 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 #FB36E8 looks like.

```
.text, #text, p{  
    color:#FB36E8  
}
```

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 #FB36E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB36E8
}
```

Border

The CSS property to change the border of an element to Hex FB36E8 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
#FB36E8 }
```

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

```
.border{ border-color:#FB36E8 }
```

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

Here you see how a box with a 4 pixel #FB36E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB36E8; -webkit-box-shadow:4px 4px  
4px 4px #FB36E8; box-shadow:4px 4px 4px  
4px #FB36E8 }
```

Background

The CSS property to change the background color of an element to Hex FB36E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB36E8 }
```

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

```
.background{ background-color:#FB36E8 }
```

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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