

# Converting Colors

Hex(FB37E5)

Have a look what the booklet for  
Hex(FB37E5) contains.

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# Color

Hex(FB37E5)

# Conversions

## Conversions Part 1

Format	Color
Hex	FB37E5
RGB	251, 55, 229
RGB Percent	98%, 22%, 90%
CMY	0.0157, 0.7843, 0.1020
CMYK	0.00, 0.78, 0.09, 0.02
HSL	307°, 96%, 60%
HSV	307°, 78%, 98%
XYZ	55.2927, 28.8987, 76.7925
YIQ	133.4400, 60.9620, 95.6660

# Conversions

## Conversions Part 2

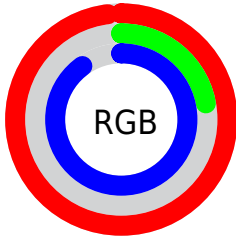
Format	Color
<a href="#">RYB</a>	<a href="#">251, 55, 229</a>
Decimal	<a href="#">16463845</a>
CIELab	<a href="#">60.69, 86.82, -45.80</a>
CIELCh	<a href="#">61, 98.163, 332.189</a>
Yxy	<a href="#">28.8987, 0.3435, 0.1795</a>
Android (android.graphics.Color)	<a href="#">4294653925 (0xFFFB37E5)</a>
YUV	<a href="#">133.4400, 47.1111, 103.1001</a>
Hunter-Lab	<a href="#">53.7576, 89.5217, -47.0653</a>

# Details

The Hex color **FB37E5** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **37FB4D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF7BFF**, and **BE00AD** is the 20% darker color. If you saturate the color by 10%, you get **FB1EE2**, and if you desaturate by 10%, it is **FB50E8**.

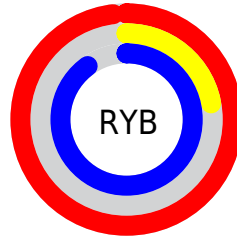
# Distribution



Red (98%)

Green (22%)

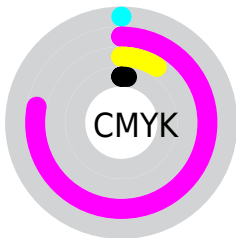
Blue (90%)



Red (98%)

Yellow (22%)

Blue (90%)

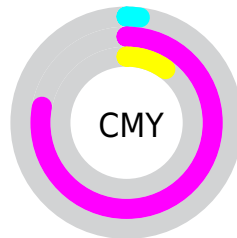


Cyan (0%)

Magenta (78%)

Yellow (9%)

Black (2%)



Cyan (2%)

Magenta (78%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB37E5 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 FB37E5 by changing the saturation by 10% instead.



 FB37E5

 FB37E5

FFFFFF

 DC00C9

 FF7BFF

 BE00AD

 FF9AFF

 A00092

 FFB9FF

 830078

 FFD7FF

 65005E

 FFF6FF

 4A0046

 2C002E

 000018

 000000

 FB37E5

 FB37E5

 FB1EE2

 FB50E8

 FB05DF

 FB69EB

 FB00DF

 FB82ED

 FB9BF0

 FBB5F3

 FBCEF6

 FBE7F9

 FBFFFC

 FBFFFE

# Harmonies

## Analogous

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



8C77FF



FB37E5



FF0090

# Triad

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



FB37E5



AC9100



00B6EE

# Complementary

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



FB37E5



37FB4D

# 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.



00B597



FB37E5



4FA700

# Square

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



FB37E5



EF6C00



00B138



00AFFF

# Rectangle

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



FB37E5



FF0058



00B138



00B6D2



# Sweetspot

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



FB37E5



FFC4F8



4B37FB



805C7B



000000



808080



# Same Dimension

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



FB37E5



FF0FE4



FB3785



7D707C



BD00A8



3D0036



# Inverse Universe

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



FB37E5



FF0FE4



37FBAD



7D707C



BD00A8



3D0036



# Previews

## White Background



This preview shows how the Hex color FB37E5 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 FB37E5 Background



This preview shows how black text looks on a background with the Hex color FB37E5.

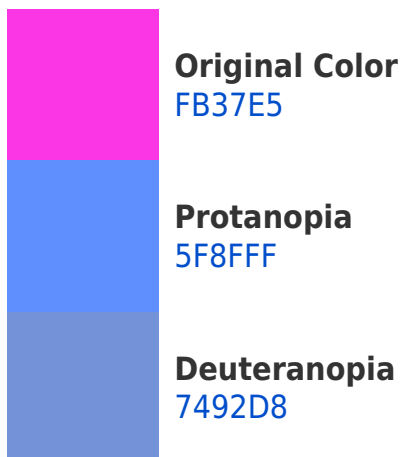



This preview shows how white text looks on a background with the Hex color FB37E5.

# 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**  
EF656C

# Trichromacy



**Original Color**  
FB37E5



**Protanomaly**  
986FF6



**Deuteranomaly**  
A571DD



**Tritanomaly**  
F35498

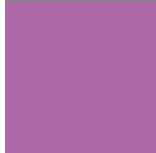
# Monochromacy



**Original Color**  
FB37E5



**Achromatopsia**  
858585



**Achromatomaly**  
B069A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB37E5 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 #FB37E5 looks like.

```
.text, #text, p{  
  color:#FB37E5  
}
```

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 #FB37E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB37E5
}
```

## Border

The CSS property to change the border of an element to Hex FB37E5 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
#FB37E5 }
```

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

```
.border{ border-color:#FB37E5 }
```

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

Here you see how a box with a 4 pixel #FB37E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB37E5; -webkit-box-shadow:4px 4px  
4px 4px #FB37E5; box-shadow:4px 4px 4px  
4px #FB37E5 }
```

# Background

The CSS property to change the background color of an element to Hex FB37E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB37E5 }
```

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

```
.background{ background-color:#FB37E5 }
```

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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