

Converting Colors

Hex(F33EB5)

Have a look what the booklet for
Hex(F33EB5) contains.

Hex(F33EB5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F33EB5)

Conversions

Conversions Part 1

Format	Color
Hex	F33EB5
RGB	243, 62, 181
RGB Percent	95%, 24%, 71%
CMY	0.0471, 0.7569, 0.2902
CMYK	0.00, 0.74, 0.26, 0.05
HSL	321°, 88%, 60%
HSV	321°, 74%, 95%
XYZ	47.0253, 25.8361, 46.2244
YIQ	129.6850, 69.6770, 75.3810

Conversions

Conversions Part 2

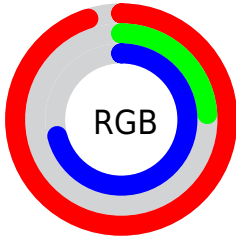
Format	Color
R _{YB}	243, 62, 181
Decimal	15941301
CIE _{Lab}	57.88, 77.01, -22.93
CIE _{LCh}	58, 80.347, 343.416
Yxy	25.8361, 0.3949, 0.2170
Android (android.graphics.Color)	4294131381 (0xFFFF33EB5)
YUV	129.6850, 25.2983, 99.3773
Hunter-Lab	50.8293, 76.1901, -18.3382

Details

The Hex color **F33EB5** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **3EF37C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF7DED**, and **B60080** is the 20% darker color. If you saturate the color by 10%, you get **F326AD**, and if you desaturate by 10%, it is **F356BD**.

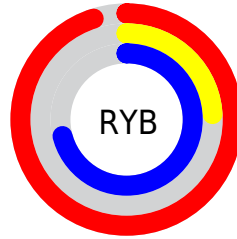
Distribution



Red (95%)

Green (24%)

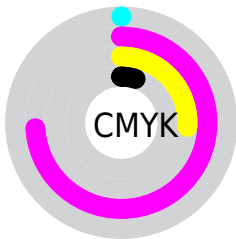
Blue (71%)



Red (95%)

Yellow (24%)

Blue (71%)

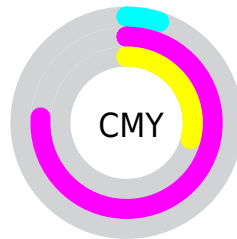


Cyan (0%)

Magenta (74%)

Yellow (26%)

Black (5%)



Cyan (5%)

Magenta (76%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color F33EB5 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 F33EB5 by changing the saturation by 10% instead.

 F33EB5

 F33EB5

FFFFFF

 D40E9A

 FF7DED

 B60080

 FF9BFF

 990067

 FFB9FF

 7B004E

 FFD7FF

 5E0037

 FFF5FF

 430022

 250006

 000000

 F33EB5

 F33EB5

 F326AD

 F356BD

 F30DA4

 F36FC6

 F300A0

 F387CE

 F39FD6

 F3B7DF

 F3D0E7

 F3E8EF

 F3FFF8

 F3FFFF

Harmonies

Analogous

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



B467F2



F33EB5



FF326F

Triad

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



F33EB5



8B9200



00A8EB

Complementary

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



F33EB5



3EF37C

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.



00AAAA



F33EB5



30A008

Square

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



F33EB5



C87900



00A760



009EFF

Rectangle

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



F33EB5



FC4942



00A760



00A9D7

Sweetspot

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



F33EB5



FFC7EC



7A3EF3



805E74



000000



808080

Same Dimension

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



F33EB5



FF1CB1



F33E5C



7A6E76



BA007A



3B0027

Inverse Universe

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



F33EB5



FF1CB1



3EF3D5



7A6E76



BA007A



3B0027

Previews

White Background



This preview shows how the Hex color F33EB5 looks on a white background.

Color Contrast Check

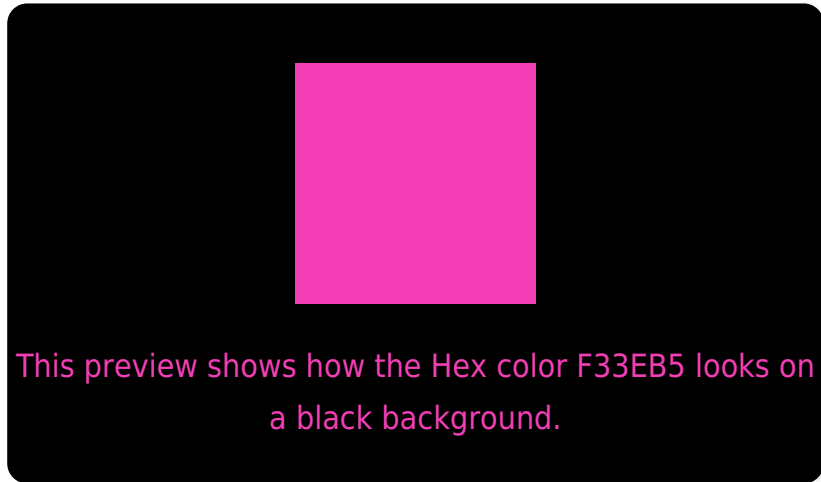
Large Text (above 18pt) WCAG AA ✓ Pass

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 F33EB5 Background



This preview shows how black text looks on a background with the Hex color F33EB5.

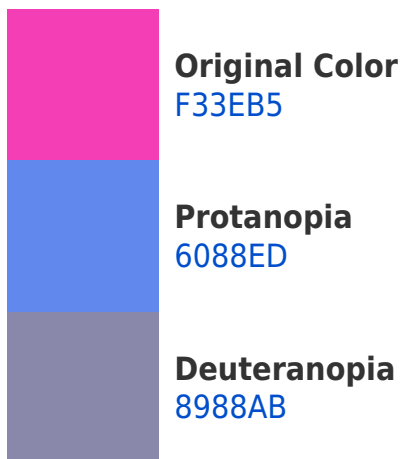


This preview shows how white text looks on a background with the Hex color F33EB5.

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



Trichromacy



Original Color
F33EB5



Protanomaly
956DD9



Deuteranomaly
B06DAF



Tritanomaly
EF4F7E

Monochromacy



Original Color
F33EB5



Achromatopsia
828282



Achromatomaly
AB6995

CSS Examples

Text

The CSS property to change the color of the text to Hex F33EB5 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 #F33EB5 looks like.

```
.text, #text, p{  
    color:#F33EB5  
}
```

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 #F33EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F33EB5
}
```

Border

The CSS property to change the border of an element to Hex F33EB5 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
#F33EB5 }
```

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

```
.border{ border-color:#F33EB5 }
```

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

Here you see how a box with a 4 pixel #F33EB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F33EB5; -webkit-box-shadow:4px 4px  
4px 4px #F33EB5; box-shadow:4px 4px 4px  
4px #F33EB5 }
```

Background

The CSS property to change the background color of an element to Hex F33EB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F33EB5 }
```

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

```
.background{ background-color:#F33EB5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor