

Converting Colors

Hex(FE33B0)

Have a look what the booklet for
Hex(FE33B0) contains.

Hex(FE33B0)	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(FE33B0)

Conversions

Conversions Part 1

Format	Color
Hex	FE33B0
RGB	254, 51, 176
RGB Percent	100%, 20%, 69%
CMY	0.0039, 0.8000, 0.3098
CMYK	0.00, 0.80, 0.31, 0.00
HSL	323°, 99%, 60%
HSV	323°, 80%, 100%
XYZ	49.8934, 26.5731, 43.5737
YIQ	125.9470, 80.8630, 81.9110

Conversions

Conversions Part 2

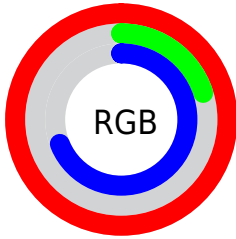
Format	Color
RYB	254, 51, 176
Decimal	16659376
CIELab	58.58, 81.89, -18.80
CIELCh	59, 84.018, 347.068
Yxy	26.5731, 0.4156, 0.2214
Android (android.graphics.Color)	4294849456 (0xFFFE33B0)
YUV	125.9470, 24.6761, 112.3025
Hunter-Lab	51.5491, 82.5558, -14.0327

Details

The Hex color **FE33B0** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **33FE81**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF78E8**, and **C0007B** is the 20% darker color. If you saturate the color by 10%, you get **FE1AA6**, and if you desaturate by 10%, it is **FE4CBA**.

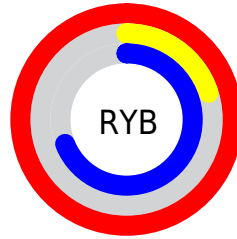
Distribution



Red (100%)

Green (20%)

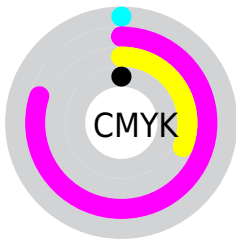
Blue (69%)



Red (100%)

Yellow (20%)

Blue (69%)

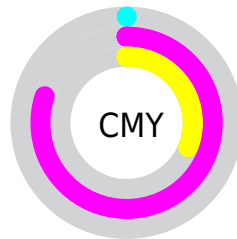


Cyan (0%)

Magenta (80%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE33B0 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 FE33B0 by changing the saturation by 10% instead.

 FE33B0

 FE33B0

FFFFFF

 DF0095

 FF78E8

 C0007B

 FF96FF

 A20062

 FFB4FF

 84004A

 FFD3FF

 660034

 FFF1FF

 4A001F

 2D0001

 000000

 FE33B0

 FE33B0

 FE1AA6

 FE4CBA

 FE009C

 FE66C4

 FE7FCD

 FE99D7

 FEB2E1

 FECBEB

 FEE5F4

 FEFEFE

 FEFFFF

Harmonies

Analogous

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



C262F3



FE33B0



FF2E67

Triad

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



FE33B0



839600



00AAF8

Complementary

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



FE33B0



33FE81

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.



00ADB6



FE33B0



00A411

Square

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



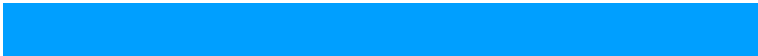
FE33B0



C57E00



00AB69



009FFF

Rectangle

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



FE33B0



FF4A37



00AB69



00ABE5

Sweetspot

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



FE33B0



FFC2E7



8133FE



805B71



000000



808080

Same Dimension

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



FE33B0



FF0AA1



FE334B



80737B



BF0076



400027

Inverse Universe

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



FE33B0



FF0AA1



33FEE6



80737B



BF0076



400027

Previews

White Background



This preview shows how the Hex color FE33B0 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 FE33B0 Background



This preview shows how black text looks on a background with the Hex color FE33B0.

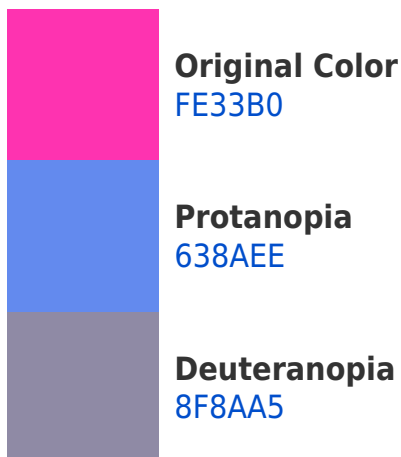



This preview shows how white text looks on a background with the Hex color FE33B0.

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
F75256

Trichromacy



Original Color
FE33B0



Protanomaly
9B6AD7



Deuteranomaly
B76AA9



Tritanomaly
FA4777

Monochromacy



Original Color
FE33B0



Achromatopsia
7E7E7E



Achromatomaly
AD6390

CSS Examples

Text

The CSS property to change the color of the text to Hex FE33B0 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 #FE33B0 looks like.

```
.text, #text, p{  
    color:#FE33B0  
}
```

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 #FE33B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE33B0
}
```

Border

The CSS property to change the border of an element to Hex FE33B0 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
#FE33B0 }
```

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

```
.border{ border-color:#FE33B0 }
```

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

Here you see how a box with a 4 pixel #FE33B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE33B0; -webkit-box-shadow:4px 4px  
4px 4px #FE33B0; box-shadow:4px 4px 4px  
4px #FE33B0 }
```

Background

The CSS property to change the background color of an element to Hex FE33B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE33B0 }
```

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

```
.background{ background-color:#FE33B0 }
```

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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