

Converting Colors

Hex(FF33E4)

Have a look what the booklet for
Hex(FF33E4) contains.

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Color

Hex(**FF33E4**)

Conversions

Conversions Part 1

Format	Color
Hex	FF33E4
RGB	255, 51, 228
RGB Percent	100%, 20%, 89%
CMY	0.0000, 0.8000, 0.1059
CMYK	0.00, 0.80, 0.11, 0.00
HSL	308°, 100%, 60%
HSV	308°, 80%, 100%
XYZ	56.4274, 29.2291, 76.0665
YIQ	132.1740, 64.7670, 98.2950

Conversions

Conversions Part 2

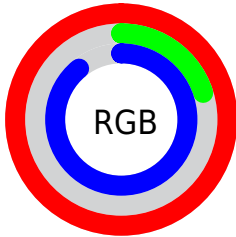
Format	Color
R _Y B	255, 51, 228
Decimal	16724964
CIE _{Lab}	60.98, 88.41, -44.73
CIE _{LCh}	61, 99.079, 333.161
Yxy	29.2291, 0.3489, 0.1807
Android (android.graphics.Color)	4294915044 (0xFFFF33E4)
YUV	132.1740, 47.2422, 107.7184
Hunter-Lab	54.0639, 91.6915, -45.5747

Details

The Hex color **FF33E4** 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 **33FF4E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF7AFF**, and **C200AC** is the 20% darker color. If you saturate the color by 10%, you get **FF19E1**, and if you desaturate by 10%, it is **FF4DE7**.

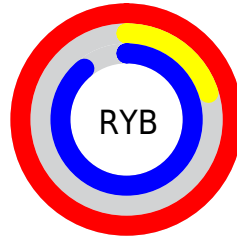
Distribution



Red (100%)

Green (20%)

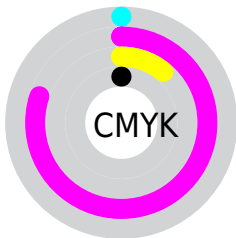
Blue (89%)



Red (100%)

Yellow (20%)

Blue (89%)

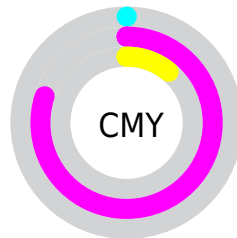


Cyan (0%)

Magenta (80%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF33E4 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 FF33E4 by changing the saturation by 10% instead.

 FF33E4

 FF33E4

FFFFFF

 E000C8

 FF7AFF

 C200AC

 FF99FF

 A40091

 FFB7FF

 860077

 FFD6FF

 69005D

 FFF5FF

 4D0045

 2F002E

 030018

 000000

 FF33E4

 FF33E4

 FF19E1

 FF4DE7

 FF00DD

 FF66EB

 FF80EE

 FF99F2

 FFB3F5

 FFCCF8

 FFE6FC

FFFFFF

Harmonies

Analogous

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



9276FF



FF33E4



FF008E

Triad

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



FF33E4



AB9300



00B7F2

Complementary

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



FF33E4



33FF4E

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.



00B69A



FF33E4



4BA800

Square

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



FF33E4



EF6E00



00B23C



00B0FF

Rectangle

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



FF33E4



FF0055



00B23C



00B7D6

Sweetspot

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



FF33E4



FFC2F7



4B33FF



805B7B



000000



808080

Same Dimension

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



FF33E4



FF0ADF



FF3381



80737E



BF00A6



400037

Inverse Universe

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



FF33E4



FF0ADF



33FFB1



80737E



BF00A6



400037

Previews

White Background



This preview shows how the Hex color FF33E4 looks on a white background.

Color Contrast Check

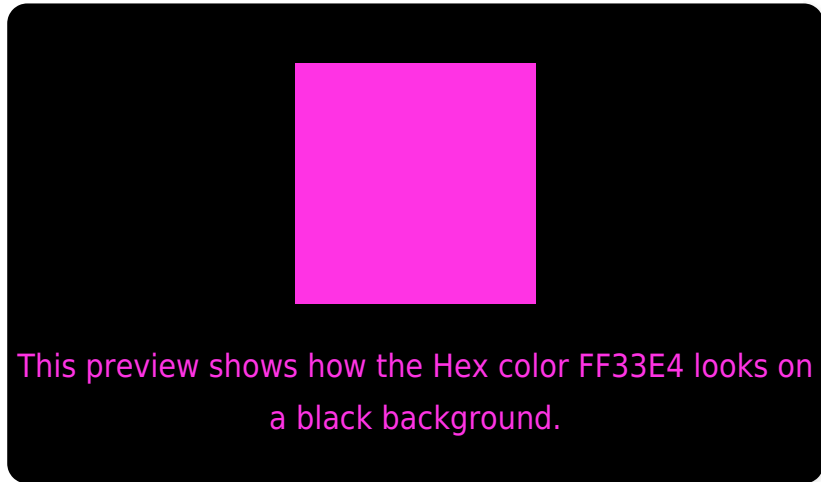
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF33E4 Background



This preview shows how black text looks on a background with the Hex color FF33E4.



This preview shows how white text looks on a background with the Hex color FF33E4.

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
F36369

Trichromacy



Original Color
FF33E4



Protanomaly
9A6EF5



Deuteranomaly
A86FDC



Tritanomaly
F75296

Monochromacy



Original Color
FF33E4



Achromatopsia
848484



Achromatomaly
B167A7

CSS Examples

Text

The CSS property to change the color of the text to Hex FF33E4 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 #FF33E4 looks like.

```
.text, #text, p{  
    color:#FF33E4  
}
```

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 #FF33E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF33E4
}
```

Border

The CSS property to change the border of an element to Hex FF33E4 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
#FF33E4 }
```

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

```
.border{ border-color:#FF33E4 }
```

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

Here you see how a box with a 4 pixel #FF33E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF33E4; -webkit-box-shadow:4px 4px  
4px 4px #FF33E4; box-shadow:4px 4px 4px  
4px #FF33E4 }
```

Background

The CSS property to change the background color of an element to Hex FF33E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF33E4 }
```

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

```
.background{ background-color:#FF33E4 }
```

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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