

Converting Colors

Hex(FF33C9)

Have a look what the booklet for
Hex(FF33C9) contains.

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Color

Hex(F F 3 3 C 9)

Conversions

Conversions Part 1

Format	Color
Hex	FF33C9
RGB	255, 51, 201
RGB Percent	100%, 20%, 79%
CMY	0.0000, 0.8000, 0.2118
CMYK	0.00, 0.80, 0.21, 0.00
HSL	316°, 100%, 60%
HSV	316°, 80%, 100%
XYZ	52.9664, 27.8447, 57.8413
YIQ	129.0960, 73.4340, 89.8980

Conversions

Conversions Part 2

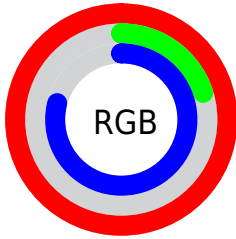
Format	Color
R_{YB}	255, 51, 201
Decimal	16724937
CIE _{Lab}	59.75, 84.96, -31.38
CIE _{LCh}	60, 90.565, 339.729
Yxy	27.8447, 0.3820, 0.2008
Android (android.graphics.Color)	4294915017 (0xFFFF33C9)
YUV	129.0960, 35.4487, 110.4178
Hunter-Lab	52.7681, 86.8269, -28.0526

Details

The Hex color **FF33C9** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **33FF69**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF79FF**, and **C20093** is the 20% darker color. If you saturate the color by 10%, you get **FF19C2**, and if you desaturate by 10%, it is **FF4DD0**.

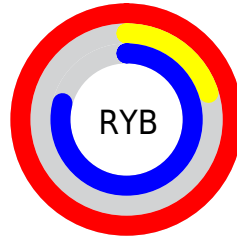
Distribution



Red (100%)

Green (20%)

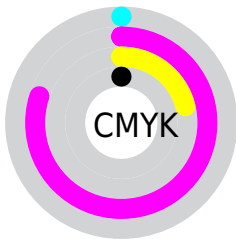
Blue (79%)



Red (100%)

Yellow (20%)

Blue (79%)

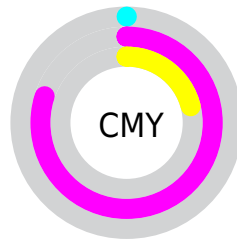


Cyan (0%)

Magenta (80%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF33C9 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 FF33C9 by changing the saturation by 10% instead.

 FF33C9

 FF33C9

FFFFFF

 E000AD

 FF79FF

 C20093

 FF97FF

 A30079

 FFB6FF

 86005F

 FFD4FF

 680047

 FFF3FF

 4D0031

 2E001B

 000000

 FF33C9

 FF33C9

 FF19C2

 FF4DD0

 FF00BC

 FF66D7

 FF80DD

 FF99E4

 FFB3EB

 FFCCF2

 FFE6F8

FFFFFF

Harmonies

Analogous

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



AF6CFF



FF33C9



FF057A

Triad

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



FF33C9



979500



00B0F5

Complementary

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



FF33C9



33FF69

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.



00B1A9



FF33C9



34A600

Square

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



FF33C9



D97700



00AE54



00A8FF

Rectangle

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



FF33C9



FF3546



00AE54



00B1DE

Sweetspot

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



FF33C9



FFC2EF



6633FF



805B76



000000



808080

Same Dimension

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



FF33C9



FF0ABE



FF3366



80737C



BF008D



40002F

Inverse Universe

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



FF33C9



FF0ABE



33FFCC



80737C



BF008D



40002F

Previews

White Background



This preview shows how the Hex color FF33C9 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 FF33C9 Background



This preview shows how black text looks on a background with the Hex color FF33C9.



This preview shows how white text looks on a background with the Hex color FF33C9.

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
F65A5F

Trichromacy



Original Color
FF33C9



Protanomaly
966CEB



Deuteranomaly
B26DC1



Tritanomaly
F94C86

Monochromacy



Original Color
FF33C9



Achromatopsia
818181



Achromatomaly
AF659B

CSS Examples

Text

The CSS property to change the color of the text to Hex FF33C9 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 #FF33C9 looks like.

```
.text, #text, p{  
    color:#FF33C9  
}
```

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 #FF33C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF33C9
}
```

Border

The CSS property to change the border of an element to Hex FF33C9 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
#FF33C9 }
```

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

```
.border{ border-color:#FF33C9 }
```

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

Here you see how a box with a 4 pixel #FF33C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF33C9; -webkit-box-shadow:4px 4px  
4px 4px #FF33C9; box-shadow:4px 4px 4px  
4px #FF33C9 }
```

Background

The CSS property to change the background color of an element to Hex FF33C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF33C9 }
```

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

```
.background{ background-color:#FF33C9 }
```

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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