

Converting Colors

Hex(FD33A6)

Have a look what the booklet for
Hex(FD33A6) contains.

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Color

Hex(FD33A6)

Conversions

Conversions Part 1

Format	Color
Hex	FD33A6
RGB	253, 51, 166
RGB Percent	99%, 20%, 65%
CMY	0.0078, 0.8000, 0.3490
CMYK	0.00, 0.80, 0.34, 0.01
HSL	326°, 98%, 60%
HSV	326°, 80%, 99%
XYZ	48.5748, 26.0035, 38.5354
YIQ	124.5080, 83.4770, 78.5890

Conversions

Conversions Part 2

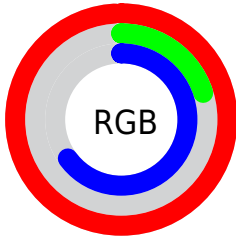
Format	Color
R _Y B	253, 51, 166
Decimal	16593830
CIE _{Lab}	58.04, 80.62, -13.81
CIE _{LCh}	58, 81.791, 350.277
Yxy	26.0035, 0.4294, 0.2299
Android (android.graphics.Color)	4294783910 (0xFFFD33A6)
YUV	124.5080, 20.4556, 112.6875
Hunter-Lab	50.9936, 80.7942, -9.1094

Details

The Hex color **FD33A6** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **33FD8A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF77DD**, and **BF0072** is the 20% darker color. If you saturate the color by 10%, you get **FD1A9B**, and if you desaturate by 10%, it is **FD4CB1**.

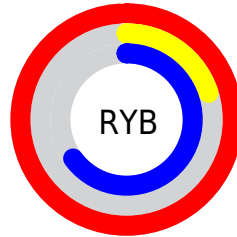
Distribution



Red (99%)

Green (20%)

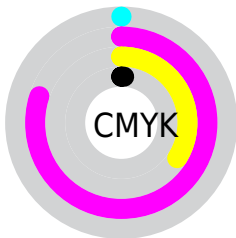
Blue (65%)



Red (99%)

Yellow (20%)

Blue (65%)

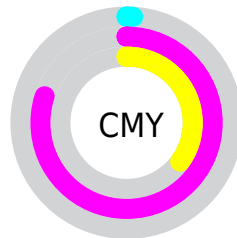


Cyan (0%)

Magenta (80%)

Yellow (34%)

Black (1%)



Cyan (1%)

Magenta (80%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD33A6 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 FD33A6 by changing the saturation by 10% instead.

 FD33A6

 FD33A6

FFFFFF

 DE008C

 FF77DD

 BF0072

 FF96FA

 A1005A

 FFB4FF

 820042

 FFD2FF

 65002C

 FFF0FF

 480018

 2A0001

 000000

 FD33A6

 FD33A6

 FD1A9B

 FD4CB1

 FD0090

 FD66BC

 FD7FC7

 FD98D2

 FDB2DC

 FDCBE7

 FDE4F2

 FDFDFD

 FDFFFF

Harmonies

Analogous

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



C85DE8



FD33A6



FF365F

Triad

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



FD33A6



7B9700



00A7F9

Complementary

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



FD33A6



33FD8A

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.



00AABB



FD33A6



00A322

Square

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



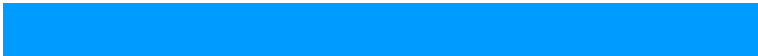
FD33A6



BC8000



00A971



009BFF

Rectangle

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



FD33A6



F85031



00A971



00A9E7

Sweetspot

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



FD33A6



FFC2E5



8733FD



805B70



000000



808080

Same Dimension

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



FD33A6



FF0A96



FD3344



80737A



BF006D



400024

Inverse Universe

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



FD33A6



FF0A96



33FDEC



80737A



BF006D



400024

Previews

White Background



This preview shows how the Hex color FD33A6 looks on a white background.

Color Contrast Check

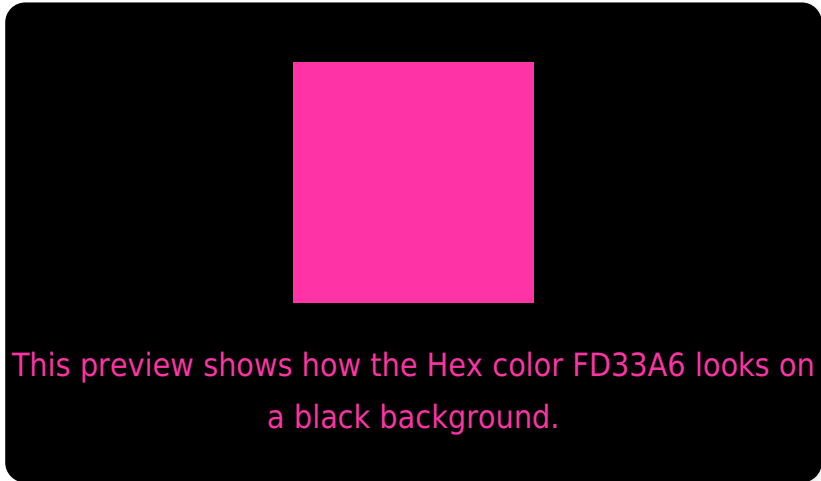
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD33A6 Background



This preview shows how black text looks on a background with the Hex color FD33A6.



This preview shows how white text looks on a background with the Hex color FD33A6.

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
F74F53

Trichromacy



Original Color
FD33A6



Protanomaly
9F6ACC



Deuteranomaly
B969A0



Tritanomaly
F94571

Monochromacy



Original Color
FD33A6



Achromatopsia
7D7D7D



Achromatomaly
AC628C

CSS Examples

Text

The CSS property to change the color of the text to Hex FD33A6 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 #FD33A6 looks like.

```
.text, #text, p{  
    color:#FD33A6  
}
```

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 #FD33A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD33A6
}
```

Border

The CSS property to change the border of an element to Hex FD33A6 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
#FD33A6 }
```

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

```
.border{ border-color:#FD33A6 }
```

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

Here you see how a box with a 4 pixel #FD33A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD33A6; -webkit-box-shadow:4px 4px  
4px 4px #FD33A6; box-shadow:4px 4px 4px  
4px #FD33A6 }
```

Background

The CSS property to change the background color of an element to Hex FD33A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD33A6 }
```

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

```
.background{ background-color:#FD33A6 }
```

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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