

Converting Colors

Hex(EA33FF)

Have a look what the booklet for
Hex(EA33FF) contains.

Hex(EA33FF)	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(EA33FF)

Conversions

Conversions Part 1

Format	Color
Hex	EA33FF
RGB	234, 51, 255
RGB Percent	92%, 20%, 100%
CMY	0.0824, 0.8000, 0.0000
CMYK	0.08, 0.80, 0.00, 0.00
HSL	294°, 100%, 60%
HSV	294°, 80%, 100%
XYZ	53.1655, 27.0801, 97.0326
YIQ	128.9730, 43.5840, 102.2400

Conversions

Conversions Part 2

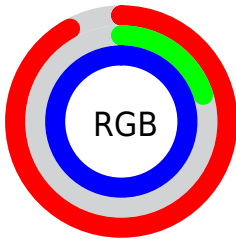
Format	Color
RYB	234, 51, 255
Decimal	15348735
CIELab	59.05, 88.49, -63.07
CIElCh	59, 108.664, 324.520
Yxy	27.0801, 0.2999, 0.1528
Android (android.graphics.Color)	4293538815 (0xFFEA33FF)
YUV	128.9730, 62.1313, 92.1087
Hunter-Lab	52.0385, 91.2983, -74.1269

Details

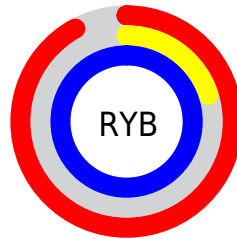
The Hex color **EA33FF** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **48FF33**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF78FF**, and **AD00C5** is the 20% darker color. If you saturate the color by 10%, you get **E719FF**, and if you desaturate by 10%, it is **ED4DFF**.

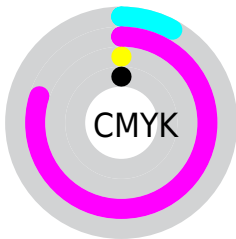
Distribution



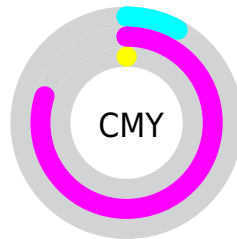
- Red (92%)
- Green (20%)
- Blue (100%)



- Red (92%)
- Yellow (20%)
- Blue (100%)



- Cyan (8%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA33FF 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 EA33FF by changing the saturation by 10% instead.

 EA33FF

 EA33FF

FFFFFF

 CC00E2

 FF78FF

 AD00C5

 FF96FF

 9000A9

 FFB5FF

 72008E

 FFD3FF

 550074

 FFF2FF

 39005A

 160042

 00032A

 000114

 EA33FF

 EA33FF

 E719FF

 ED4DFF

 E500FF

 EF66FF

 F280FF

 F499FF

 F7B3FF

 FACCFE

 FCE6FF

FFFFFF

Harmonies

Analogous

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



1A7DFE



EA33FF



FF00A4

Triad

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



EA33FF



BC8500



00B4DC

Complementary

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



EA33FF



48FF33

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.



00B279



EA33FF



5F9F00

Square

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



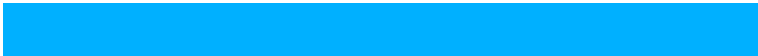
EA33FF



FF5100



00AC00



00B0FF

Rectangle

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



EA33FF



FF0065



00AC00



00B3BC

Sweetspot

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



EA33FF



F9C2FF



334BFF



7C5B80



000000



808080

Same Dimension

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



EA33FF



E60AFF



FF33B1



7E7380



AC00BF



390040

Inverse Universe

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



FF3348



FF0A23



33FF81



807374



BF0014



400007

Previews

White Background



This preview shows how the Hex color EA33FF looks on a white background.

Color Contrast Check

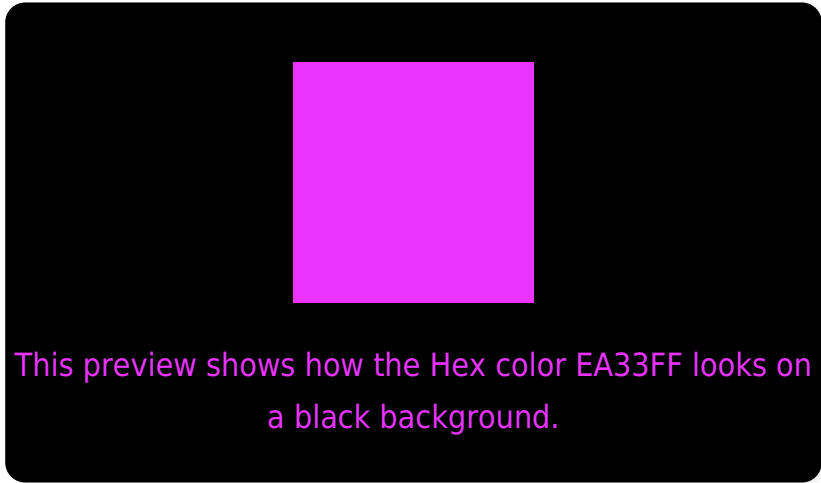
Large Text (above 18pt) WCAG AA ✓ Pass

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

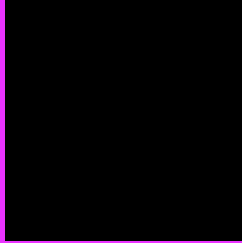
Any Text WCAG AA ✓ Pass

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 EA33FF Background



This preview shows how black text looks on a background with the Hex color EA33FF.



This preview shows how white text looks on a background with the Hex color EA33FF.

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](#).

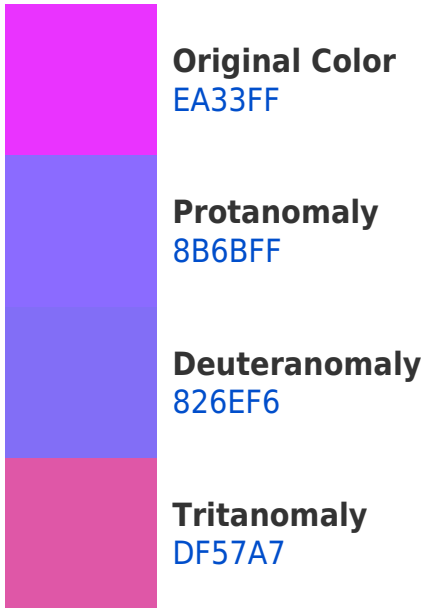
Dichromacy



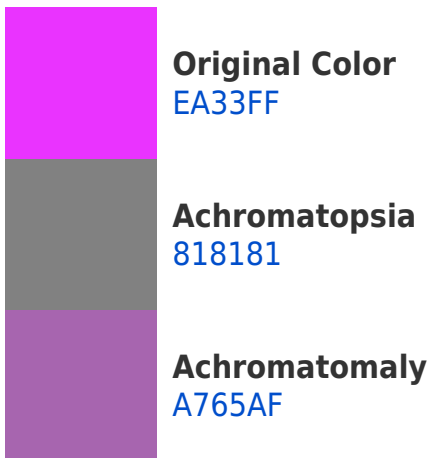


Tritanopia
D96C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EA33FF 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 #EA33FF looks like.

```
.text, #text, p{  
    color:#EA33FF  
}
```

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 #EA33FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA33FF
}
```

Border

The CSS property to change the border of an element to Hex EA33FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

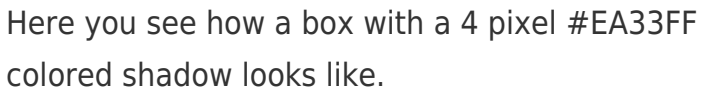
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EA33FF }
```

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

```
.border{ border-color:#EA33FF }
```

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



Here you see how a box with a 4 pixel #EA33FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA33FF; -webkit-box-shadow:4px 4px  
4px 4px #EA33FF; box-shadow:4px 4px 4px  
4px #EA33FF }
```

Background

The CSS property to change the background color of an element to Hex EA33FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA33FF }
```

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

```
.background{ background-color:#EA33FF }
```

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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