

Converting Colors

Hex(ED33CB)

Have a look what the booklet for
Hex(ED33CB) contains.

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Color

Hex(ED33CB)

Conversions

Conversions Part 1

Format	Color
Hex	ED33CB
RGB	237, 51, 203
RGB Percent	93%, 20%, 80%
CMY	0.0706, 0.8000, 0.2039
CMYK	0.00, 0.78, 0.14, 0.07
HSL	311°, 84%, 56%
HSV	311°, 78%, 93%
XYZ	46.8884, 24.6840, 58.7931
YIQ	123.9420, 62.0640, 86.7040

Conversions

Conversions Part 2

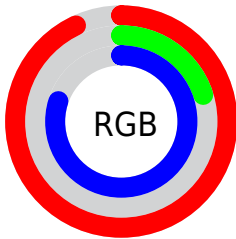
Format	Color
RYB	237, 51, 203
Decimal	15545291
CIELab	56.77, 81.43, -37.40
CIELCh	57, 89.606, 335.329
Yxy	24.6840, 0.3597, 0.1893
Android (android.graphics.Color)	4293735371 (0xFFED33CB)
YUV	123.9420, 38.9756, 99.1519
Hunter-Lab	49.6830, 81.5144, -35.3837

Details

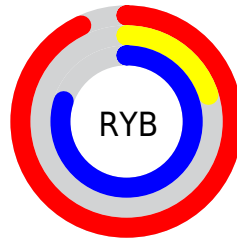
The Hex color **ED33CB** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **33ED55**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF76FF**, and **B10094** is the 20% darker color. If you saturate the color by 10%, you get **ED1BC7**, and if you desaturate by 10%, it is **ED4BCF**.

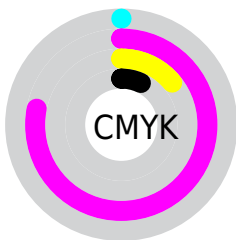
Distribution



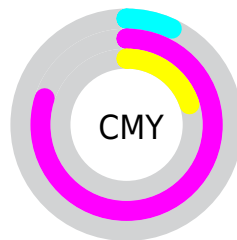
- Red (93%)
- Green (20%)
- Blue (80%)



- Red (93%)
- Yellow (20%)
- Blue (80%)



- Cyan (0%)
- Magenta (78%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED33CB 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 ED33CB by changing the saturation by 10% instead.

 ED33CB

 ED33CB

FFFFFF

 CF00AF

 FF76FF

 B10094

 FF94FF

 93007A

 FFB2FF

 760061

 FFD0FF

 590049

 FFEFFF

 3E0031

 20001B

 000000

 ED33CB

 ED33CB

 ED1BC7

 ED4BCF

 ED04C2

 ED62D4

 ED00C2

 ED7AD8

 ED92DC

 EDA9E1

 EDC1E5

 EDD9E9

 EDF1EE

 EDFFF2

Harmonies

Analogous

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



936BFF



ED33CB



FF007E

Triad

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



ED33CB



998A00



00A8E2

Complementary

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



ED33CB



33ED55

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.



00A895



ED33CB



419C00

Square

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



ED33CB



D76A00



00A541



00A1FF

Rectangle

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



ED33CB



FF1F4B



00A541



00A9C9

Sweetspot

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



ED33CB



FFC2F4



5233ED



805B79



000000



808080

Same Dimension

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



ED33CB



FF0FD3



ED3371



756A73



B50094



36002C

Inverse Universe

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



ED33CB



FF0FD3



33EDAF



756A73



B50094



36002C

Previews

White Background



This preview shows how the Hex color ED33CB 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 ED33CB Background



This preview shows how black text looks on a background with the Hex color ED33CB.

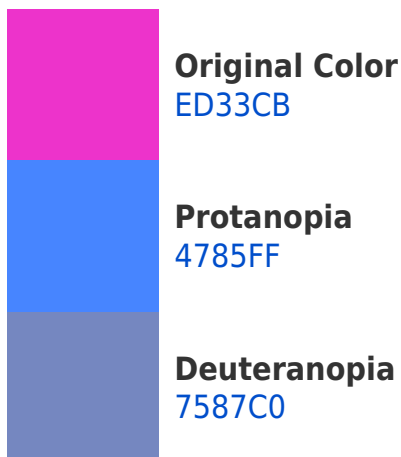



This preview shows how white text looks on a background with the Hex color ED33CB.

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
E35A60

Trichromacy



Original Color
ED33CB



Protanomaly
8367EC



Deuteranomaly
A168C4



Tritanomaly
E74C87

Monochromacy



Original Color
ED33CB



Achromatopsia
7C7C7C



Achromatomaly
A56199

CSS Examples

Text

The CSS property to change the color of the text to Hex ED33CB 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 #ED33CB looks like.

```
.text, #text, p{  
    color:#ED33CB  
}
```

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 #ED33CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED33CB
}
```

Border

The CSS property to change the border of an element to Hex ED33CB 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
#ED33CB }
```

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

```
.border{ border-color:#ED33CB }
```

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

Here you see how a box with a 4 pixel #ED33CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED33CB; -webkit-box-shadow:4px 4px  
4px 4px #ED33CB; box-shadow:4px 4px 4px  
4px #ED33CB }
```

Background

The CSS property to change the background color of an element to Hex ED33CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED33CB }
```

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

```
.background{ background-color:#ED33CB }
```

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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