

# Converting Colors

Hex(ED33C6)

Have a look what the booklet for  
Hex(ED33C6) contains.

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**Color**

**Hex(ED33C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED33C6
RGB	237, 51, 198
RGB Percent	93%, 20%, 78%
CMY	0.0706, 0.8000, 0.2235
CMYK	0.00, 0.78, 0.16, 0.07
HSL	313°, 84%, 56%
HSV	313°, 78%, 93%
XYZ	46.3019, 24.4494, 55.7049
YIQ	123.3720, 63.6690, 85.1490

# Conversions

## Conversions Part 2

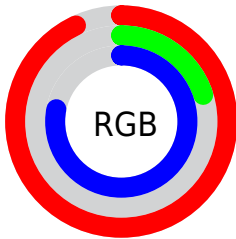
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	237, 51, 198
Decimal	15545286
CIE Lab	56.53, 80.77, -34.90
CIE LCh	57, 87.987, 336.632
Yxy	24.4494, 0.3661, 0.1933
Android (android.graphics.Color)	4293735366 (0xFFED33C6)
YUV	123.3720, 36.7916, 99.6518
Hunter-Lab	49.4463, 80.6177, -32.1821

# Details

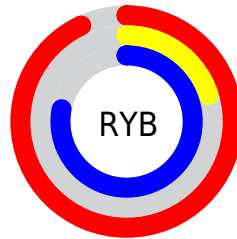
The Hex color **ED33C6** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **33ED5A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF76FF**, and **B10090** is the 20% darker color. If you saturate the color by 10%, you get **ED1BC1**, and if you desaturate by 10%, it is **ED4BCB**.

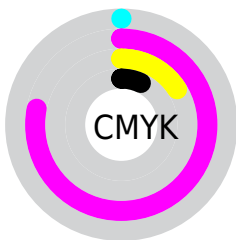
# Distribution



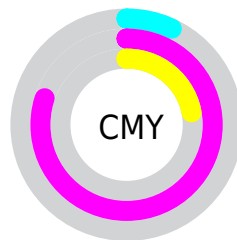
- Red (93%)
- Green (20%)
- Blue (78%)



- Red (93%)
- Yellow (20%)
- Blue (78%)



- Cyan (0%)
- Magenta (78%)
- Yellow (16%)
- Black (7%)



- Cyan (7%)
- Magenta (80%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED33C6 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 ED33C6 by changing the saturation by 10% instead.



 ED33C6

 ED33C6

FFFFFF

 CF00AA

 FF76FF

 B10090

 FF94FF

 930076

 FFB2FF

 76005D

 FFD0FF

 590044

 FFEEFF

 3E002E

 1F0018

 000000

 ED33C6

 ED33C6

 ED1BC1

 ED4BCB

 ED04BC

 ED62D0

 ED00BB

 ED7AD5

 ED92DA

 EDA9DF

 EDC1E4

 EDD9E9

 EDF1EE

 EDFFF3

# Harmonies

## Analogous

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



9869FF



ED33C6



FF007A

# Triad

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



ED33C6



958A00



00A7E2

# Complementary

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



ED33C6



33ED5A

# 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.



00A797



ED33C6



3D9B00

# Square

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



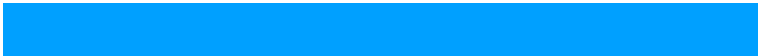
ED33C6



D36C00



00A446



00A0FF

# Rectangle

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



ED33C6



FF2849



00A446



00A8CB



# Sweetspot

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



ED33C6



FFC2F2



5833ED



805B78



000000



808080



# Same Dimension

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



ED33C6



FF0FCD



ED336B



756A73



B5008F



36002A



# Inverse Universe

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



ED33C6



FF0FCD



33EDB5



756A73



B5008F



36002A



# Previews

## White Background



This preview shows how the Hex color ED33C6 looks on a white background.

## Color Contrast Check

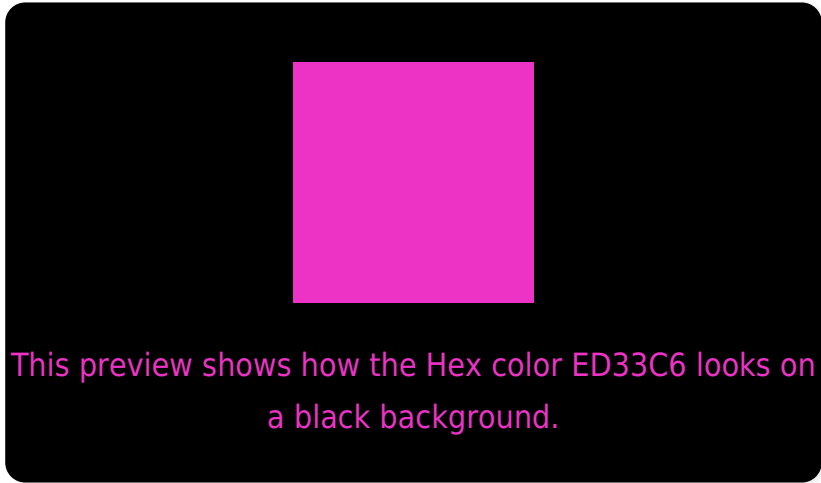
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED33C6 Background



This preview shows how black text looks on a background with the Hex color ED33C6.

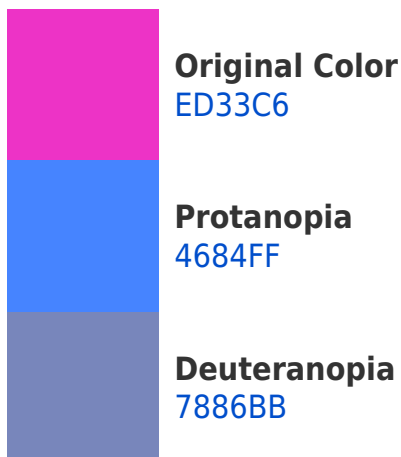


This preview shows how white text looks on a background with the Hex color ED33C6.

# 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





# Trichromacy



**Original Color**  
ED33C6



**Protanomaly**  
8367EA



**Deuteranomaly**  
A368BF



**Tritanomaly**  
E74B84

# Monochromacy



**Original Color**  
ED33C6



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
A46196

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED33C6 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 #ED33C6 looks like.

```
.text, #text, p{  
    color:#ED33C6  
}
```

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 #ED33C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED33C6
}
```

## Border

The CSS property to change the border of an element to Hex ED33C6 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
#ED33C6 }
```

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

```
.border{ border-color:#ED33C6 }
```

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

Here you see how a box with a 4 pixel #ED33C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED33C6; -webkit-box-shadow:4px 4px  
4px 4px #ED33C6; box-shadow:4px 4px 4px  
4px #ED33C6 }
```

# Background

The CSS property to change the background color of an element to Hex ED33C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED33C6 }
```

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

```
.background{ background-color:#ED33C6 }
```

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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