

Converting Colors

Hex(E33FA0)

Have a look what the booklet for
Hex(E33FA0) contains.

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Color

Hex(E33FA0)

Conversions

Conversions Part 1

Format	Color
Hex	E33FA0
RGB	227, 63, 160
RGB Percent	89%, 25%, 63%
CMY	0.1098, 0.7529, 0.3725
CMYK	0.00, 0.72, 0.30, 0.11
HSL	325°, 75%, 57%
HSV	325°, 72%, 89%
XYZ	39.8012, 22.4240, 35.4882
YIQ	123.0940, 66.6070, 64.9350

Conversions

Conversions Part 2

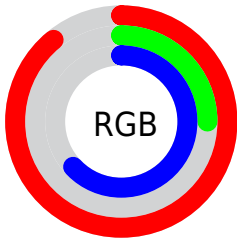
Format	Color
R_{YB}	227, 63, 160
Decimal	14892960
CIE _{Lab}	54.47, 70.31, -16.13
CIE _{LCh}	54, 72.132, 347.078
Yxy	22.4240, 0.4073, 0.2295
Android (android.graphics.Color)	4293083040 (0xFFE33FA0)
YUV	123.0940, 18.1947, 91.1256
Hunter-Lab	47.3540, 67.1607, -11.2856

Details

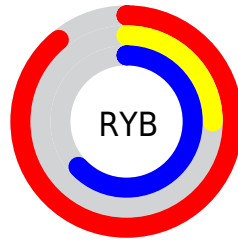
The Hex color **E33FA0** is a light color, and the websafe version is hex **CC3399**. The color can be described as light washed rose. A complement of this color would be **3FE382**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF7CD7**, and **A7006C** is the 20% darker color. If you saturate the color by 10%, you get **E32897**, and if you desaturate by 10%, it is **E356A9**.

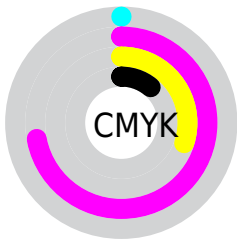
Distribution



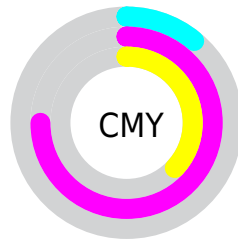
- Red (89%)
- Green (25%)
- Blue (63%)



- Red (89%)
- Yellow (25%)
- Blue (63%)



- Cyan (0%)
- Magenta (72%)
- Yellow (30%)
- Black (11%)



- Cyan (11%)
- Magenta (75%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color E33FA0 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 E33FA0 by changing the saturation by 10% instead.

 E33FA0

 E33FA0

FFFFFF

 C51786

 FF7CD7

 A7006C

 FF99F3

 8A0054

 FFB6FF

 6D003D

 FFD3FF

 510027

 FFF1FF

 350011

 090000

 000000

 E33FA0

 E33FA0

 E32897

 E356A9

 E3128D

 E36CB3

 E30086

 E383BC

 E39AC5

 E3B1CE

 E3C7D8

 E3DEE1

 E3F5EA

 E3FFF3

Harmonies

Analogous

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



B05FD8



E33FA0



EF3C62

Triad

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



E33FA0



7C8A00



009BDD

Complementary

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



E33FA0



3FE382

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.



009EA5



E33FA0



269621

Square

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



E33FA0



B37600



009C64



0091FD

Rectangle

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



E33FA0



E54E3A



009C64



009DCC

Sweetspot

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



E33FA0



FFC7E8



813FE3



805E72



000000



808080

Same Dimension

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



E33FA0



FF21A4



E33F4F



73676E



B3006A



33001E

Inverse Universe

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



E33FA0



FF21A4



3FE3D3



73676E



B3006A



33001E

Previews

White Background



This preview shows how the Hex color E33FA0 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 E33FA0 Background



This preview shows how black text looks on a background with the Hex color E33FA0.



This preview shows how white text looks on a background with the Hex color E33FA0.

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
E33FA0



Protanomaly
9368BE



Deuteranomaly
A8689A

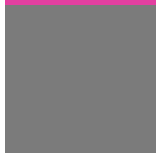


Tritanomaly
DF4C72

Monochromacy



Original Color
E33FA0



Achromatopsia
7B7B7B



Achromatomaly
A16588

CSS Examples

Text

The CSS property to change the color of the text to Hex E33FA0 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 #E33FA0 looks like.

```
.text, #text, p{  
  color:#E33FA0  
}
```

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 #E33FA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E33FA0
}
```

Border

The CSS property to change the border of an element to Hex E33FA0 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
#E33FA0 }
```

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

```
.border{ border-color:#E33FA0 }
```

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

Here you see how a box with a 4 pixel #E33FA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E33FA0; -webkit-box-shadow:4px 4px  
4px 4px #E33FA0; box-shadow:4px 4px 4px  
4px #E33FA0 }
```

Background

The CSS property to change the background color of an element to Hex E33FA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E33FA0 }
```

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

```
.background{ background-color:#E33FA0 }
```

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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