

Converting Colors

Hex(E33CA4)

Have a look what the booklet for
Hex(E33CA4) contains.

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Color

Hex(E33CA4)

Conversions

Conversions Part 1

Format	Color
Hex	E33CA4
RGB	227, 60, 164
RGB Percent	89%, 24%, 64%
CMY	0.1098, 0.7647, 0.3569
CMYK	0.00, 0.74, 0.28, 0.11
HSL	323°, 75%, 56%
HSV	323°, 74%, 89%
XYZ	39.9953, 22.2429, 37.3073
YIQ	121.7890, 66.1480, 67.7480

Conversions

Conversions Part 2

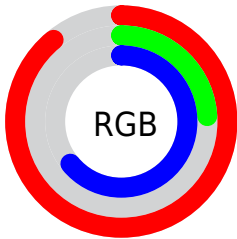
Format	Color
R _{YB}	227, 60, 164
Decimal	14892196
CIE Lab	54.28, 71.73, -18.77
CIE LCh	54, 74.148, 345.335
Yxy	22.2429, 0.4018, 0.2234
Android (android.graphics.Color)	4293082276 (0xFFE33CA4)
YUV	121.7890, 20.8100, 92.2700
Hunter-Lab	47.1624, 68.8395, -13.8870

Details

The Hex color **E33CA4** 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 **3CE37B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF7ADB**, and **A70070** is the 20% darker color. If you saturate the color by 10%, you get **E3259B**, and if you desaturate by 10%, it is **E353AD**.

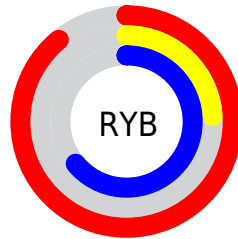
Distribution



Red (89%)

Green (24%)

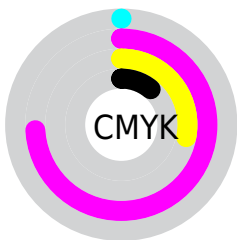
Blue (64%)



Red (89%)

Yellow (24%)

Blue (64%)

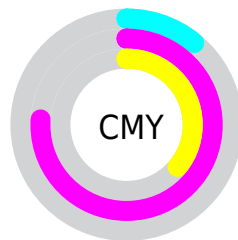


Cyan (0%)

Magenta (74%)

Yellow (28%)

Black (11%)



Cyan (11%)

Magenta (76%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color E33CA4 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 E33CA4 by changing the saturation by 10% instead.

 E33CA4

 E33CA4

FFFFFF

 C5108A

 FF7ADB

 A70070

 FF97F8

 8A0058

 FFB4FF

 6D0040

 FFD2FF

 51002A

 FFF0FF

 350015

 0A0000

 000000

 E33CA4

 E33CA4

 E3259B

 E353AD

 E30F93

 E369B5

 E3008D

 E380BE

 E397C6

 E3AECF

 E3C4D7

 E3DBE0

 E3F2E9

 E3FFF1

Harmonies

Analogous

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



AC5FDD



E33CA4



F13664

Triad

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



E33CA4



7E8900



009CDC

Complementary

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



E33CA4



3CE37B

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.



009EA2



E33CA4



299617

Square

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



E33CA4



B67300



009C5F



0092FF

Rectangle

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



E33CA4



E8493B



009C5F



009DCB

Sweetspot

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



E33CA4



FFC7EA



793CE3



805E73



000000



808080

Same Dimension

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



E33CA4



FF1FAA



E33C52



73676E



B3006F



330020

Inverse Universe

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



E33CA4



FF1FAA



3CE3CD



73676E



B3006F



330020

Previews

White Background



This preview shows how the Hex color E33CA4 looks on a white background.

Color Contrast Check

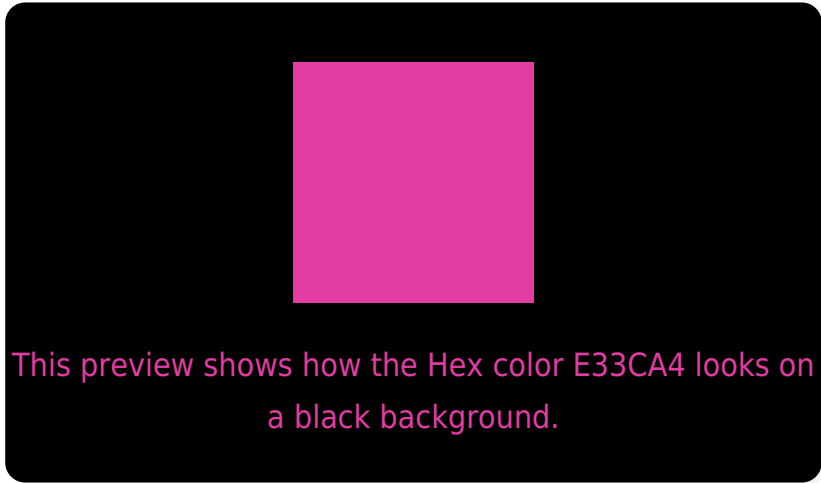
Large Text (above 18pt) WCAG AA ✓ Pass

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 E33CA4 Background



This preview shows how black text looks on a background with the Hex color E33CA4.

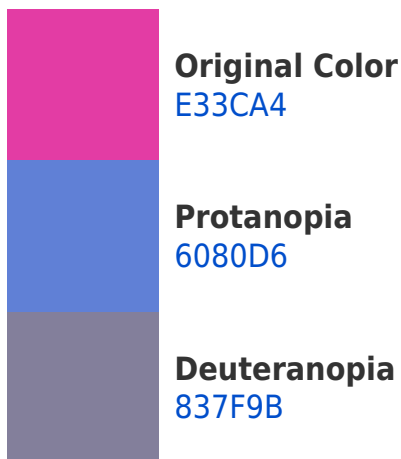


This preview shows how white text looks on a background with the Hex color E33CA4.

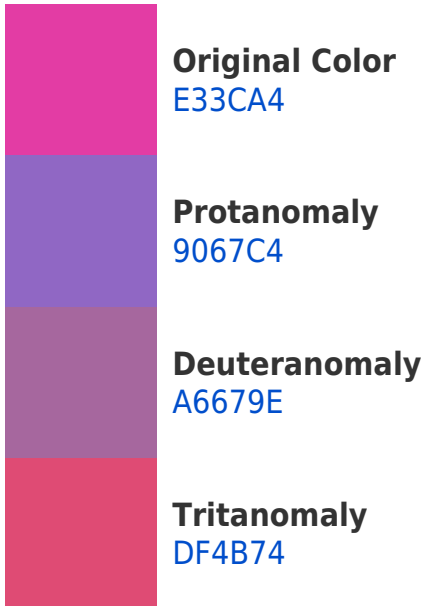
Color Blindness Simulation

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](#).

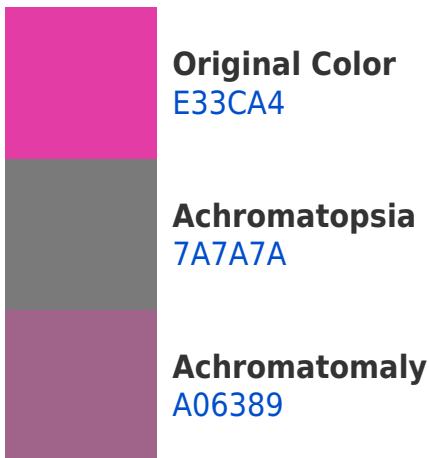
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E33CA4 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 #E33CA4 looks like.

```
.text, #text, p{  
    color:#E33CA4  
}
```

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 #E33CA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E33CA4
}
```

Border

The CSS property to change the border of an element to Hex E33CA4 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
#E33CA4 }
```

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

```
.border{ border-color:#E33CA4 }
```

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

Here you see how a box with a 4 pixel #E33CA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E33CA4; -webkit-box-shadow:4px 4px  
4px 4px #E33CA4; box-shadow:4px 4px 4px  
4px #E33CA4 }
```

Background

The CSS property to change the background color of an element to Hex E33CA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E33CA4 }
```

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

```
.background{ background-color:#E33CA4 }
```

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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