

Converting Colors

Hex(E33C79)

Have a look what the booklet for
Hex(E33C79) contains.

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Color

Hex(E33C79)

Conversions

Conversions Part 1	
Format	Color
Hex	E33C79
RGB	227, 60, 121
RGB Percent	89%, 24%, 47%
CMY	0.1098, 0.7647, 0.5255
CMYK	0.00, 0.74, 0.47, 0.11
HSL	338°, 75%, 56%
HSV	338°, 74%, 89%
XYZ	36.7456, 20.9431, 20.1949
YIQ	116.8870, 79.9510, 54.3750

Conversions

Conversions Part 2

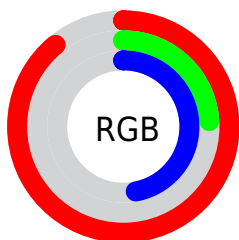
Format	Color
RYB	227, 60, 121
Decimal	14892153
CIELab	52.89, 67.32, 4.71
CIELCh	53, 67.481, 4.005
Yxy	20.9431, 0.4718, 0.2689
Android (android.graphics.Color)	4293082233 (0xFFE33C79)
YUV	116.8870, 2.0277, 96.5691
Hunter-Lab	45.7636, 63.2391, 5.8706

Details

The Hex color **E33C79** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle washed rose. A complement of this color would be **3CE3A6**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF78AD**, and **A60049** is the 20% darker color. If you saturate the color by 10%, you get **E3256B**, and if you desaturate by 10%, it is **E35387**.

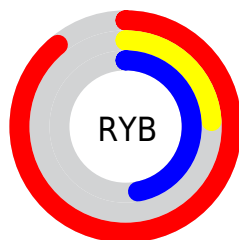
Distribution



Red (89%)

Green (24%)

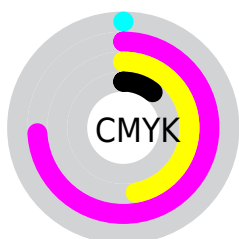
Blue (47%)



Red (89%)

Yellow (24%)

Blue (47%)

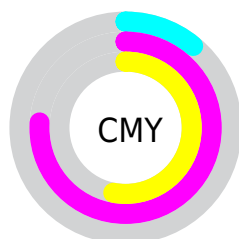


Cyan (0%)

Magenta (74%)

Yellow (47%)

Black (11%)



Cyan (11%)

Magenta (76%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color E33C79 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 E33C79 by changing the saturation by 10% instead.

 E33C79

 E33C79

FFFFFF

 C41360

 FF78AD

 A60049

 FF95C8

 880033

 FFB2E4

 6A001E

 FFD0FF

 4E0003

 FFEDFF

 300002

 000000

 E33C79

 E33C79

 E3256B

 E35387

 E30F5C

 E36996

 E30053

 E380A4

 E397B3

 E3AEC1

 E3C4CF

 E3DBDE

 E3F2EC

 E3FFFB

Harmonies

Analogous

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



C94DB2



E33C79



DD4C41

Triad

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



E33C79



558D01



0091E7

Complementary

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



E33C79



3CE3A6

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.



0097BE



E33C79



009548

Square

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



E33C79



917E00



009885



0083F3

Rectangle

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



E33C79



CB5F1C



009885



0094DC

Sweetspot

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



E33C79



FFC7DB



A63CE3



805E6A



000000



808080

Same Dimension

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



E33C79



FF1F71



E3523C



73676B



B30041



330013

Inverse Universe

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



E33C79



FF1F71



3CCDE3



73676B



B30041



330013

Previews

White Background



This preview shows how the Hex color E33C79 looks on a white background.

Color Contrast Check

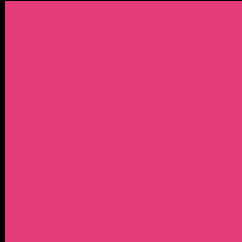
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color E33C79 looks on a 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 E33C79 Background



This preview shows how black text looks on a background with the Hex color E33C79.



This preview shows how white text looks on a background with the Hex color E33C79.

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](#).

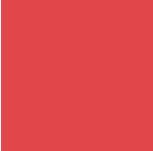
Dichromacy



Original Color
E33C79

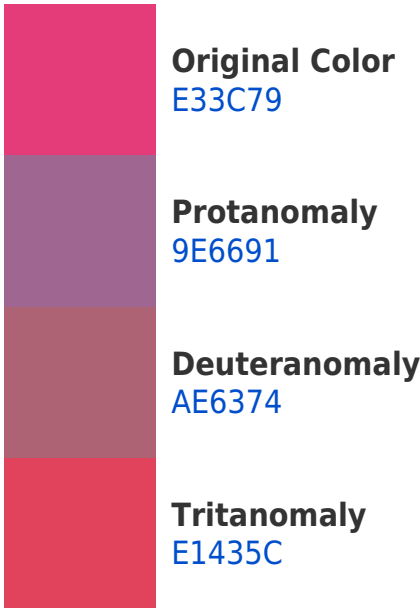
Protanopia
777E9F

Deuteranopia
907A71



Tritanopia
E0474B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E33C79 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 #E33C79 looks like.

```
.text, #text, p{  
    color:#E33C79  
}
```

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 #E33C79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E33C79
}
```

Border

The CSS property to change the border of an element to Hex E33C79 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
#E33C79 }
```

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

```
.border{ border-color:#E33C79 }
```

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

Here you see how a box with a 4 pixel #E33C79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E33C79; -webkit-box-shadow:4px 4px  
4px 4px #E33C79; box-shadow:4px 4px 4px  
4px #E33C79 }
```

Background

The CSS property to change the background color of an element to Hex E33C79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E33C79 }
```

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

```
.background{ background-color:#E33C79 }
```

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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