

# Converting Colors

Hex(E E3A80)

Have a look what the booklet for  
Hex(EE3A80) contains.

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# Color

Hex(**EE3A80**)

# Conversions

## Conversions Part 1

Format	Color
Hex	EE3A80
RGB	238, 58, 128
RGB Percent	93%, 23%, 50%
CMY	0.0667, 0.7725, 0.4980
CMYK	0.00, 0.76, 0.46, 0.07
HSL	337°, 84%, 58%
HSV	337°, 76%, 93%
XYZ	40.6692, 22.7618, 22.6720
YIQ	119.8000, 84.8100, 59.9300

# Conversions

## Conversions Part 2

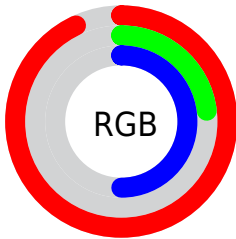
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 58, 128
Decimal	15612544
CIE <sub>Lab</sub>	54.83, 71.49, 3.57
CIE <sub>LCh</sub>	55, 71.577, 2.860
Yxy	22.7618, 0.4723, 0.2644
Android (android.graphics.Color)	4293802624 (0xFFEE3A80)
YUV	119.8000, 4.0426, 103.6614
Hunter-Lab	47.7093, 68.6690, 5.2212

# Details

The Hex color **EE3A80** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **3AEEA8**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF79B5**, and **B0004F** is the 20% darker color. If you saturate the color by 10%, you get **EE2271**, and if you desaturate by 10%, it is **EE528F**.

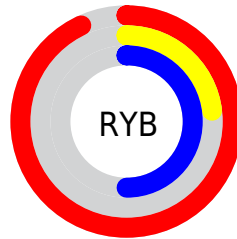
# Distribution



Red (93%)

Green (23%)

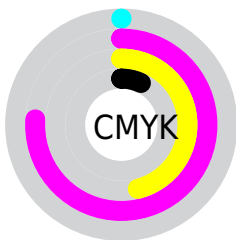
Blue (50%)



Red (93%)

Yellow (23%)

Blue (50%)

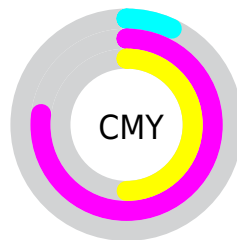


Cyan (0%)

Magenta (76%)

Yellow (46%)

Black (7%)



Cyan (7%)

Magenta (77%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE3A80 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 EE3A80 by changing the saturation by 10% instead.



 EE3A80

 EE3A80

FFFFFF

 CF0967

 FF79B5

 B0004F

 FF96D0

 920039

 FFB3EC

 740024

 FFD1FF

 56000D

 FFEFFF

 390002

 0F0000

 000000

 EE3A80

 EE3A80

 EE2271

 EE528F

 EE0A63

 EE6A9D

 EE005D

 EE81AC

 EE99BA

 EEB1C9

 EEC9D7

 EEE1E6

 EEF8F4

 EFFFFFF

# Harmonies

## Analogous

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



D14FBD



EE3A80



E94B44

# Triad

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



EE3A80



599200



0098F2

# Complementary

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



EE3A80



3AEEA8

# 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.



009EC5



EE3A80



009B47

# Square

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



EE3A80



998300



009E88



0089FF

# Rectangle

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



EE3A80



D6601B



009E88



009BE6



# Sweetspot

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



EE3A80



FFC4DB



A63AEE



805C6A



000000



808080



# Same Dimension

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



EE3A80



FF1771



EE4C3A



786C71



B80047



380016



# Inverse Universe

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



EE3A80



FF1771



3ADCEE



786C71



B80047



380016



# Previews

## White Background



This preview shows how the Hex color EE3A80 looks on a white background.

## Color Contrast Check

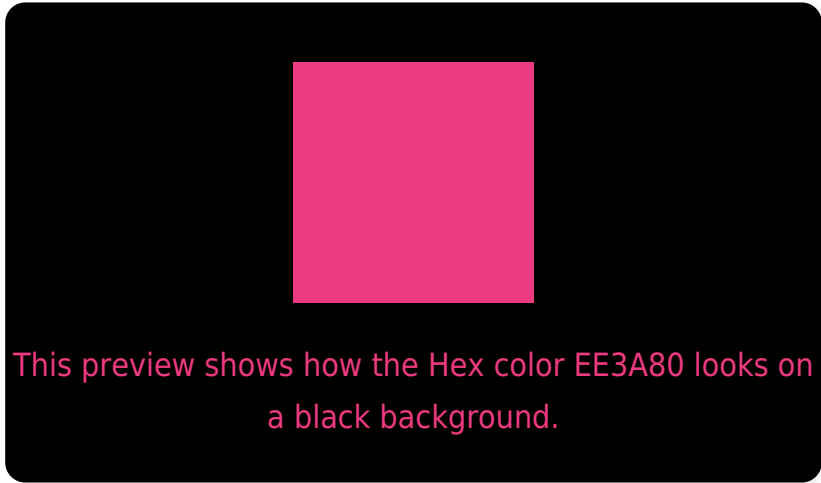
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE3A80 Background



This preview shows how black text looks on a background with the Hex color EE3A80.



This preview shows how white text looks on a background with the Hex color EE3A80.

# 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**  
EB484B

# Trichromacy



**Original Color**  
EE3A80



**Protanomaly**  
A4689B



**Deuteranomaly**  
B5667A

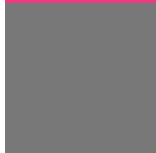


**Tritanomaly**  
EC435E

# Monochromacy



**Original Color**  
EE3A80



**Achromatopsia**  
787878



**Achromatomaly**  
A3617B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE3A80 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 #EE3A80 looks like.

```
.text, #text, p{  
    color:#EE3A80  
}
```

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 #EE3A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE3A80
}
```

## Border

The CSS property to change the border of an element to Hex EE3A80 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
#EE3A80 }
```

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

```
.border{ border-color:#EE3A80 }
```

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

Here you see how a box with a 4 pixel #EE3A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE3A80; -webkit-box-shadow:4px 4px  
4px 4px #EE3A80; box-shadow:4px 4px 4px  
4px #EE3A80 }
```

# Background

The CSS property to change the background color of an element to Hex EE3A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE3A80 }
```

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

```
.background{ background-color:#EE3A80 }
```

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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