

# Converting Colors

Hex(EE4AAA)

Have a look what the booklet for  
Hex(EE4AAA) contains.

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# Color

**Hex(EE4AAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE4AAA
RGB	238, 74, 170
RGB Percent	93%, 29%, 67%
CMY	0.0667, 0.7098, 0.3333
CMYK	0.00, 0.69, 0.29, 0.07
HSL	325°, 83%, 61%
HSV	325°, 69%, 93%
XYZ	44.9644, 25.9770, 40.6744
YIQ	133.9800, 66.9280, 64.6240

# Conversions

## Conversions Part 2

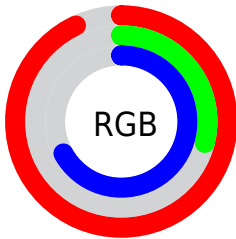
Format	Color
R <sub>Y</sub> B	238, 74, 170
Decimal	15616682
CIE Lab	58.02, 70.56, -16.43
CIE LCh	58, 72.451, 346.895
Yxy	25.9770, 0.4028, 0.2327
Android (android.graphics.Color)	4293806762 (0xFFEE4AAA)
YUV	133.9800, 17.7579, 91.2255
Hunter-Lab	50.9676, 68.2820, -11.6387

# Details

The Hex color **EE4AAA** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **4AEE8E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF86E1**, and **B20076** is the 20% darker color. If you saturate the color by 10%, you get **EE32A0**, and if you desaturate by 10%, it is **EE62B4**.

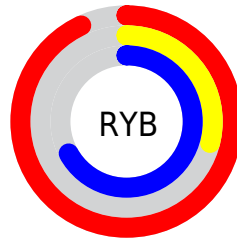
# Distribution



Red (93%)

Green (29%)

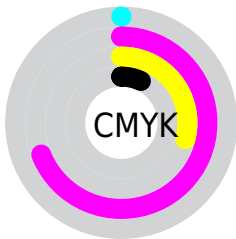
Blue (67%)



Red (93%)

Yellow (29%)

Blue (67%)

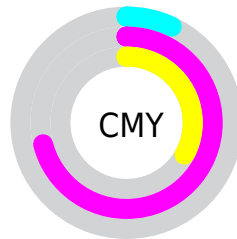


Cyan (0%)

Magenta (69%)

Yellow (29%)

Black (7%)



Cyan (7%)

Magenta (71%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE4AAA 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 EE4AAA by changing the saturation by 10% instead.



 EE4AAA

 EE4AAA

FFFFFF

 D0278F

 FF86E1

 B20076

 FFA3FE

 94005D

 FFC0FF

 770045

 FFDEFF

 5A002F

 FFFCFF

 40001A

 210001

 000000

 EE4AAA

 EE4AAA

 EE32A0

 EE62B4

 EE1A96

 EE7ABE

 EE038C

 EE91C8

 EE008B

 EEA9D1

 EEC1DB

 EED9E5

 EEF1EF

 EEFF9

 EFFFFFF

# Harmonies

## Analogous

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



BA68E3



EE4AAA



FB476B

# Triad

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



EE4AAA



869300



00A5E7

# Complementary

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



EE4AAA



4AEE8E

# 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.



00A8AF



EE4AAA



33A02A

# Square

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



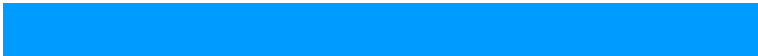
EE4AAA



BF7E00



00A66C



009BFF

# Rectangle

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



EE4AAA



F15743



00A66C



00A7D6



# Sweetspot

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



EE4AAA



FFC9E9



8C4AEE



806072



000000



808080



# Same Dimension

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



EE4AAA



FF2BA7



EE4A5A



786C73



B8006B



380021



# Inverse Universe

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



EE4AAA



FF2BA7



4AEEDA



786C73



B8006B



380021



# Previews

## White Background



This preview shows how the Hex color EE4AAA 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 EE4AAA Background



This preview shows how black text looks on a background with the Hex color EE4AAA.



This preview shows how white text looks on a background with the Hex color EE4AAA.

# 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**  
E85D63

# Trichromacy



**Original Color**  
EE4AAA



**Protanomaly**  
9D72C7



**Deuteranomaly**  
B271A4



**Tritanomaly**  
EA567D

# Monochromacy



**Original Color**  
EE4AAA



**Achromatopsia**  
868686



**Achromatomaly**  
AC7093

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE4AAA 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 #EE4AAA looks like.

```
.text, #text, p{  
    color:#EE4AAA  
}
```

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 #EE4AAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE4AAA
}
```

## Border

The CSS property to change the border of an element to Hex EE4AAA 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
#EE4AAA }
```

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

```
.border{ border-color:#EE4AAA }
```

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

Here you see how a box with a 4 pixel #EE4AAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE4AAA; -webkit-box-shadow:4px 4px  
4px 4px #EE4AAA; box-shadow:4px 4px 4px  
4px #EE4AAA }
```

# Background

The CSS property to change the background color of an element to Hex EE4AAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE4AAA }
```

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

```
.background{ background-color:#EE4AAA }
```

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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