

# Converting Colors

Hex(EA3299)

Have a look what the booklet for  
Hex(EA3299) contains.

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**Color**

**Hex(EA3299)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA3299
RGB	234, 50, 153
RGB Percent	92%, 20%, 60%
CMY	0.0824, 0.8039, 0.4000
CMYK	0.00, 0.79, 0.35, 0.08
HSL	326°, 81%, 56%
HSV	326°, 79%, 92%
XYZ	40.8221, 22.0735, 32.2460
YIQ	116.7580, 76.6010, 71.0410

# Conversions

## Conversions Part 2

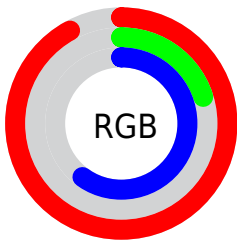
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 50, 153
Decimal	15348377
CIE <sub>Lab</sub>	54.10, 75.07, -12.44
CIE <sub>LCh</sub>	54, 76.091, 350.590
Yxy	22.0735, 0.4291, 0.2320
Android (android.graphics.Color)	4293538457 (0xFFEA3299)
YUV	116.7580, 17.8673, 102.8212
Hunter-Lab	46.9825, 72.8754, -7.8055

# Details

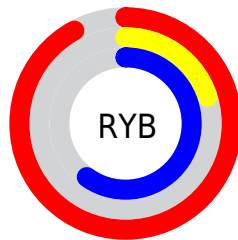
The Hex color **EA3299** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **32EA83**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF73CF**, and **AD0066** is the 20% darker color. If you saturate the color by 10%, you get **EA1B8F**, and if you desaturate by 10%, it is **EA49A3**.

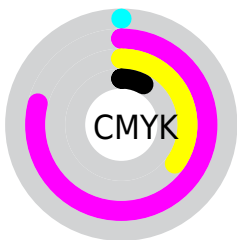
# Distribution



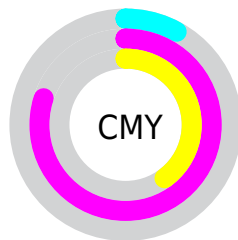
- Red (92%)
- Green (20%)
- Blue (60%)



- Red (92%)
- Yellow (20%)
- Blue (60%)



- Cyan (0%)
- Magenta (79%)
- Yellow (35%)
- Black (8%)



- Cyan (8%)
- Magenta (80%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA3299 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 EA3299 by changing the saturation by 10% instead.



 EA3299

 EA3299

FFFFFF

 CB007F

 FF73CF

 AD0066

 FF91EC

 8F004E

 FFAFFF

 720037

 FFCDFD

 550022

 FFE8FF

 390008

 100000

 000000

 EA3299

 EA3299

 EA1B8F

 EA49A3

 EA0384

 EA61AE

 EA0083

 EA78B8

 EA90C2

 EAA7CD

 EABED7

 EAD6E1

 EAEDEB

 EAFFF6

# Harmonies

## Analogous

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



BA57D6



EA3299



F23558

# Triad

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



EA3299



728C00



009BE7

# Complementary

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



EA3299



32EA83

# 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.



009EAE



EA3299



009722

# Square

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



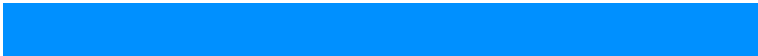
EA3299



AE7700



009D6A



0090FF

# Rectangle

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



EA3299



E54C2E



009D6A



009CD6



# Sweetspot

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



EA3299



FFC2E4



8232EA



805B6F



000000



808080



# Same Dimension

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



EA3299



FF0F95



EA323E



756A70



B50065



36001E



# Inverse Universe

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



EA3299



FF0F95



32EADE



756A70



B50065



36001E



# Previews

## White Background



This preview shows how the Hex color EA3299 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 EA3299 Background



This preview shows how black text looks on a background with the Hex color EA3299.



This preview shows how white text looks on a background with the Hex color EA3299.

# 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**  
E54A4E

# Trichromacy



**Original Color**  
EA3299



**Protanomaly**  
9563BB



**Deuteranomaly**  
AC6293

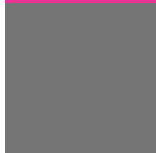


**Tritanomaly**  
E74169

# Monochromacy



**Original Color**  
EA3299



**Achromatopsia**  
757575



**Achromatomaly**  
A05D82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA3299 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 #EA3299 looks like.

```
.text, #text, p{  
    color:#EA3299  
}
```

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 #EA3299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA3299
}
```

## Border

The CSS property to change the border of an element to Hex EA3299 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
#EA3299 }
```

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

```
.border{ border-color:#EA3299 }
```

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

Here you see how a box with a 4 pixel #EA3299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA3299; -webkit-box-shadow:4px 4px  
4px 4px #EA3299; box-shadow:4px 4px 4px  
4px #EA3299 }
```

# Background

The CSS property to change the background color of an element to Hex EA3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA3299 }
```

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

```
.background{ background-color:#EA3299 }
```

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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