

# Converting Colors

Hex(EA2389)

Have a look what the booklet for  
Hex(EA2389) contains.

<b>Hex(EA2389)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(EA2389)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA2389
RGB	234, 35, 137
RGB Percent	92%, 14%, 54%
CMY	0.0824, 0.8627, 0.4627
CMYK	0.00, 0.85, 0.41, 0.08
HSL	329°, 83%, 53%
HSV	329°, 85%, 92%
XYZ	39.0481, 20.5006, 25.5659
YIQ	106.1290, 85.8620, 73.9100

# Conversions

## Conversions Part 2

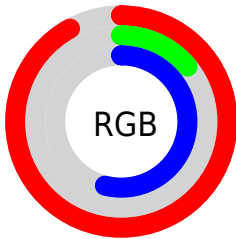
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">234, 35, 137</a>
Decimal	<a href="#">15344521</a>
CIELab	<a href="#">52.40, 76.88, -5.46</a>
CIELCh	<a href="#">52, 77.070, 355.940</a>
Yxy	<a href="#">20.5006, 0.4588, 0.2409</a>
Android (android.graphics.Color)	<a href="#">4293534601 (0xFFEA2389)</a>
YUV	<a href="#">106.1290, 15.2194, 112.1429</a>
Hunter-Lab	<a href="#">45.2776, 74.7051, -1.7836</a>

# Details

The Hex color **EA2389** 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 **23EA84**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6ABE**, and **AC0057** is the 20% darker color. If you saturate the color by 10%, you get **EA0C7E**, and if you desaturate by 10%, it is **EA3A94**.

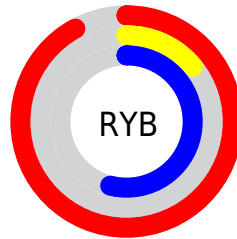
# Distribution



Red (92%)

Green (14%)

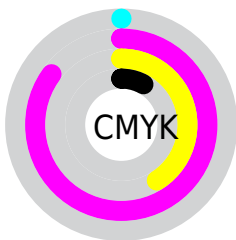
Blue (54%)



Red (92%)

Yellow (14%)

Blue (54%)

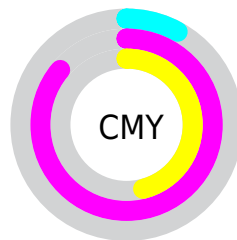


Cyan (0%)

Magenta (85%)

Yellow (41%)

Black (8%)



Cyan (8%)

Magenta (86%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA2389 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 EA2389 by changing the saturation by 10% instead.



 EA2389

 EA2389

FFFFFF

 CB0070

 FF6ABE

 AC0057

 FF89DA

 8E0040

 FFA7F6

 70002A

 FFC4FF

 530016

 FFE3FF

 350002

 030000

 000000

 EA2389

 EA2389

EA0C7E

EA3A94

EA0078

EA52A0

EA69AB

EA81B7

EA98C2

EAAFCD

EAC7D9

EADEE4

EAF6F0

# Harmonies

## Analogous

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



C24AC8



EA2389



EB3248

# Triad

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



EA2389



608A00



0095EB

# Complementary

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



EA2389



23EA84

# 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.



0099B5



EA2389



00942A

# Square

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



EA2389



9F7700



009972



0088FF

# Rectangle

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



EA2389



DB4D1C



009972



0097DC



# Sweetspot

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



EA2389



FFBDDF



8323EA



80586C



000000



808080



# Same Dimension

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



EA2389



FF0083



EA2326



756A70



B5005D



36001B



# Inverse Universe

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



EA2389



FF0083



23EAE7



756A70



B5005D



36001B



# Previews

## White Background



This preview shows how the Hex color EA2389 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 EA2389 Background



This preview shows how black text looks on a background with the Hex color EA2389.



This preview shows how white text looks on a background with the Hex color EA2389.

# 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**  
E63E40

# Trichromacy



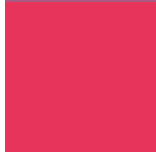
**Original Color**  
EA2389



**Protanomaly**  
965CAB



**Deuteranomaly**  
AC5A83

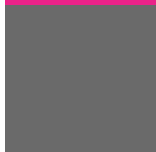


**Tritanomaly**  
E7345B

# Monochromacy



**Original Color**  
EA2389



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
995075

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA2389 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 #EA2389 looks like.

```
.text, #text, p{  
    color:#EA2389  
}
```

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 #EA2389 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA2389
}
```

## Border

The CSS property to change the border of an element to Hex EA2389 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
#EA2389 }
```

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

```
.border{ border-color:#EA2389 }
```

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

Here you see how a box with a 4 pixel #EA2389 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA2389; -webkit-box-shadow:4px 4px  
4px 4px #EA2389; box-shadow:4px 4px 4px  
4px #EA2389 }
```

# Background

The CSS property to change the background color of an element to Hex EA2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA2389 }
```

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

```
.background{ background-color:#EA2389 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**