

# Converting Colors

Hex(EA2988)

Have a look what the booklet for  
Hex(EA2988) contains.

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**Color**

**Hex(EA2988)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA2988
RGB	234, 41, 136
RGB Percent	92%, 16%, 53%
CMY	0.0824, 0.8392, 0.4667
CMYK	0.00, 0.82, 0.42, 0.08
HSL	330°, 82%, 54%
HSV	330°, 82%, 92%
XYZ	39.1686, 20.8559, 25.2537
YIQ	109.5370, 84.5330, 70.4610

# Conversions

## Conversions Part 2

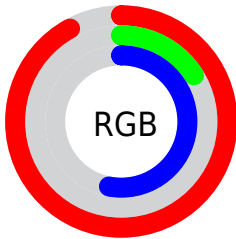
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 41, 136
Decimal	15346056
CIE <sub>Lab</sub>	52.79, 75.57, -4.28
CIE <sub>LCh</sub>	53, 75.686, 356.762
Yxy	20.8559, 0.4593, 0.2446
Android (android.graphics.Color)	4293536136 (0xFFEA2988)
YUV	109.5370, 13.0463, 109.1541
Hunter-Lab	45.6682, 73.1758, -0.8186

# Details

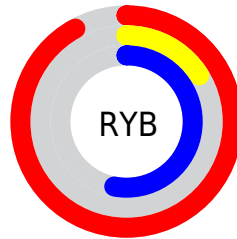
The Hex color **EA2988** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **29EA8B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6DBD**, and **AC0056** is the 20% darker color. If you saturate the color by 10%, you get **EA127C**, and if you desaturate by 10%, it is **EA4094**.

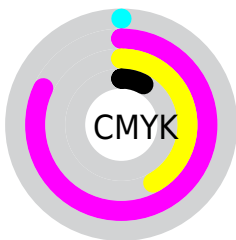
# Distribution



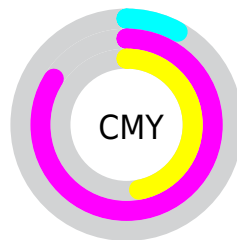
- Red (92%)
- Green (16%)
- Blue (53%)



- Red (92%)
- Yellow (16%)
- Blue (53%)



- Cyan (0%)
- Magenta (82%)
- Yellow (42%)
- Black (8%)



- Cyan (8%)
- Magenta (84%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA2988 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 EA2988 by changing the saturation by 10% instead.



 EA2988

 EA2988

FFFFFF

 CB006F

 FF6DBD

 AC0056

 FF8BD9

 8E003F

 FFA9F5

 70002A

 FFC7FF

 530015

 FFE5FF

 350002

 040000

 000000

 EA2988

 EA2988

 EA127C

 EA4094

 EA0073

 EA58A0

 EA6FAC

 EA87B8

 EA9EC3

 EAB5CF

 EACDDB

 EAE4E7

 EAF3F3

# Harmonies

## Analogous

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



C44BC6



EA2988



EB3848

# Triad

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



EA2988



608B00



0096EB

# Complementary

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



EA2988



29EA8B

# 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.



009AB7



EA2988



00952F

# Square

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



EA2988



9F7900



009975



0089FF

# Rectangle

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



EA2988



DA501D



009975



0098DC



# Sweetspot

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



EA2988



FFBFD9



8A29EA



80596C



000000



808080



# Same Dimension

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



EA2988



FF037F



EA2929



756A6F



B50059



36001A



# Inverse Universe

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



EA2988



FF037F



29EAEA



756A6F



B50059



36001A



# Previews

## White Background



This preview shows how the Hex color EA2988 looks on a white background.

## Color Contrast Check

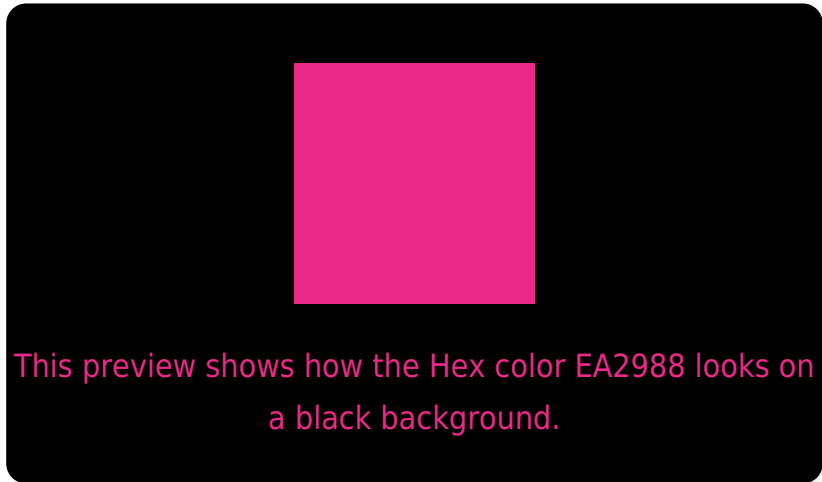
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA2988 Background



This preview shows how black text looks on a background with the Hex color EA2988.




This preview shows how white text looks on a background with the Hex color EA2988.

# 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**  
E64043

# Trichromacy



**Original Color**  
EA2988



**Protanomaly**  
995EA8



**Deuteranomaly**  
AE5D82

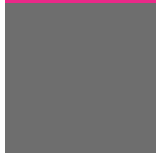


**Tritanomaly**  
E7385C

# Monochromacy



**Original Color**  
EA2988



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
9B5577

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA2988 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 #EA2988 looks like.

```
.text, #text, p{  
    color:#EA2988  
}
```

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 #EA2988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA2988
}
```

## Border

The CSS property to change the border of an element to Hex EA2988 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
#EA2988 }
```

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

```
.border{ border-color:#EA2988 }
```

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

Here you see how a box with a 4 pixel #EA2988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA2988; -webkit-box-shadow:4px 4px  
4px 4px #EA2988; box-shadow:4px 4px 4px  
4px #EA2988 }
```

# Background

The CSS property to change the background color of an element to Hex EA2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA2988 }
```

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

```
.background{ background-color:#EA2988 }
```

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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