

# Converting Colors

Hex(EB2F90)

Have a look what the booklet for  
Hex(EB2F90) contains.

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# Color

Hex(EB2F90)

# Conversions

## Conversions Part 1

Format	Color
Hex	EB2F90
RGB	235, 47, 144
RGB Percent	92%, 18%, 56%
CMY	0.0784, 0.8157, 0.4353
CMYK	0.00, 0.80, 0.39, 0.08
HSL	329°, 82%, 55%
HSV	329°, 80%, 92%
XYZ	40.3115, 21.7088, 28.4511
YIQ	114.2700, 80.9110, 70.0230

# Conversions

## Conversions Part 2

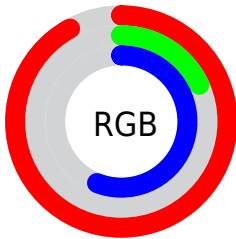
Format	Color
<b>R<sub>YB</sub></b>	235, 47, 144
Decimal	15413136
CIE Lab	53.72, 75.16, -7.66
CIE LCh	54, 75.551, 354.180
Yxy	21.7088, 0.4456, 0.2400
Android (android.graphics.Color)	4293603216 (0xFFEB2F90)
YUV	114.2700, 14.6569, 105.8802
Hunter-Lab	46.5927, 72.8990, -3.5896

# Details

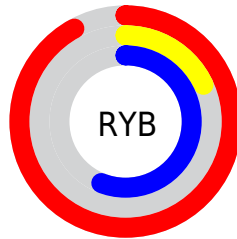
The Hex color **EB2F90** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **2FEB8A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF71C6**, and **AE005E** is the 20% darker color. If you saturate the color by 10%, you get **EB1785**, and if you desaturate by 10%, it is **EB479B**.

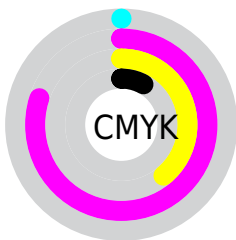
# Distribution



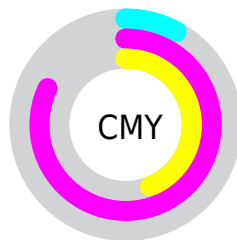
- Red (92%)
- Green (18%)
- Blue (56%)



- Red (92%)
- Yellow (18%)
- Blue (56%)



- Cyan (0%)
- Magenta (80%)
- Yellow (39%)
- Black (8%)



- Cyan (8%)
- Magenta (82%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB2F90 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 EB2F90 by changing the saturation by 10% instead.



 EB2F90

 EB2F90

FFFFFF

 CC0076

 FF71C6

 AE005E

 FF8FE2

 8F0046

 FFADFE

 720030

 FFCBFF

 55001C

 FFE9FF

 380002

 0D0000

 000000

 EB2F90

 EB2F90

 EB1785

 EB479B

 EB0079

 EB5EA7

 EB76B2

 EB8DBE

 EBA4C9

 EBB CD4

 EBD3E0

 EBEBEB

 EBFFF6

# Harmonies

## Analogous

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



C152CE



EB2F90



EF3850

# Triad

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



EB2F90



688C00



0099EA

# Complementary

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



EB2F90



2FEB8A

# 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.



009DB4



EB2F90



00972B

# Square

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



EB2F90



A67900



009C71



008DFF

# Rectangle

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



EB2F90



E05026



009C71



009BDB



# Sweetspot

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



EB2F90



FFC2E1



8A2FEB



805B6E



000000



808080



# Same Dimension

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



EB2F90



FF0A89



EB2F32



756A70



B5005D



36001C



# Inverse Universe

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



EB2F90



FF0A89



2FEBE8



756A70



B5005D



36001C



# Previews

## White Background



This preview shows how the Hex color EB2F90 looks on a white background.

## Color Contrast Check

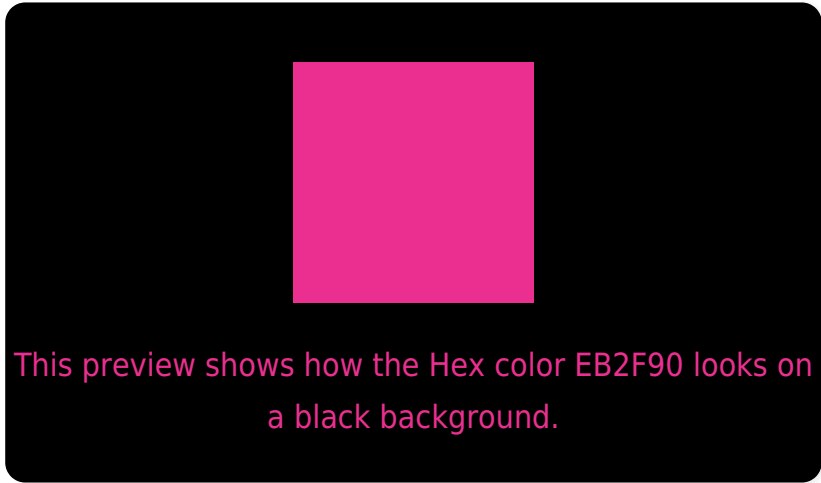
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB2F90 Background



This preview shows how black text looks on a background with the Hex color EB2F90.



This preview shows how white text looks on a background with the Hex color EB2F90.

# 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**  
E64649

# Trichromacy



**Original Color**  
EB2F90



**Protanomaly**  
9862B0



**Deuteranomaly**  
AE618A



**Tritanomaly**  
E83E63

# Monochromacy



**Original Color**  
EB2F90



**Achromatopsia**  
727272



**Achromatomaly**  
9E5A7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB2F90 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 #EB2F90 looks like.

```
.text, #text, p{  
    color:#EB2F90  
}
```

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 #EB2F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB2F90
}
```

## Border

The CSS property to change the border of an element to Hex EB2F90 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
#EB2F90 }
```

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

```
.border{ border-color:#EB2F90 }
```

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

Here you see how a box with a 4 pixel #EB2F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB2F90; -webkit-box-shadow:4px 4px  
4px 4px #EB2F90; box-shadow:4px 4px 4px  
4px #EB2F90 }
```

# Background

The CSS property to change the background color of an element to Hex EB2F90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB2F90 }
```

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

```
.background{ background-color:#EB2F90 }
```

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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