

# Converting Colors

Hex(EB30F8)

Have a look what the booklet for  
Hex(EB30F8) contains.

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# Color

Hex(**EB30F8**)

# Conversions

## Conversions Part 1

Format	Color
Hex	EB30F8
RGB	235, 48, 248
RGB Percent	92%, 19%, 97%
CMY	0.0784, 0.8118, 0.0275
CMYK	0.05, 0.81, 0.00, 0.03
HSL	296°, 93%, 58%
HSV	296°, 81%, 97%
XYZ	52.2612, 26.5534, 91.1778
YIQ	126.7130, 47.2520, 101.8440

# Conversions

## Conversions Part 2

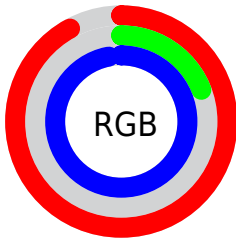
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 48, 248
Decimal	15413496
CIE Lab	58.56, 88.25, -59.96
CIE LCh	59, 106.693, 325.805
Yxy	26.5534, 0.3074, 0.1562
Android (android.graphics.Color)	4293603576 (0xFFEB30F8)
YUV	126.7130, 59.7945, 94.9677
Hunter-Lab	51.5300, 90.8554, -68.8375

# Details

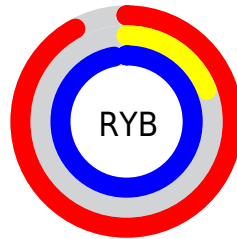
The Hex color **EB30F8** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **3DF830**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF76FF**, and **AE00BF** is the 20% darker color. If you saturate the color by 10%, you get **E917F8**, and if you desaturate by 10%, it is **ED49F8**.

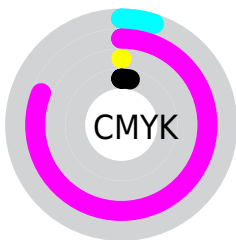
# Distribution



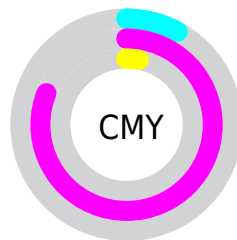
- Red (92%)
- Green (19%)
- Blue (97%)



- Red (92%)
- Yellow (19%)
- Blue (97%)



- Cyan (5%)
- Magenta (81%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (81%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB30F8 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 EB30F8 by changing the saturation by 10% instead.



 EB30F8

FFFFFF

 FF76FF

 FF95FF

 FFB3FF

 FFD1FF

 FFF0FF

 EB30F8

 CD00DB

 AE00BF

 9100A3

 730088

 56006E

 3B0055

 19003C

 000225

 00010E

 EB30F8

 EB30F8

 E917F8

 ED49F8

 E800F8

 EE62F8

 F07AF8

 F193F8

 F3ACF8

 F5C5F8

 F6DEF8

 F8F6F8

 FAFFF8

# Harmonies

## Analogous

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



3F7AFF



EB30F8



FF009E

# Triad

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



EB30F8



B78500



00B2DD

# Complementary

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



EB30F8



3DF830

# 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.



00B07C



EB30F8



5A9F00

# Square

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



EB30F8



FA5500



00AB00



00AEFF

# Rectangle

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



EB30F8



FF0061



00AB00



00B2BE



# Sweetspot

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



EB30F8



FBC2FF



303DF8



7D5B80



000000



808080



# Same Dimension

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



EB30F8



EF08FF



F830A1



7C707D



B000BD



39003D



# Inverse Universe

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



F8303D



FF0818



30F887



7D7071



BD000C



3D0004



# Previews

## White Background



This preview shows how the Hex color EB30F8 looks on a white background.

## Color Contrast Check

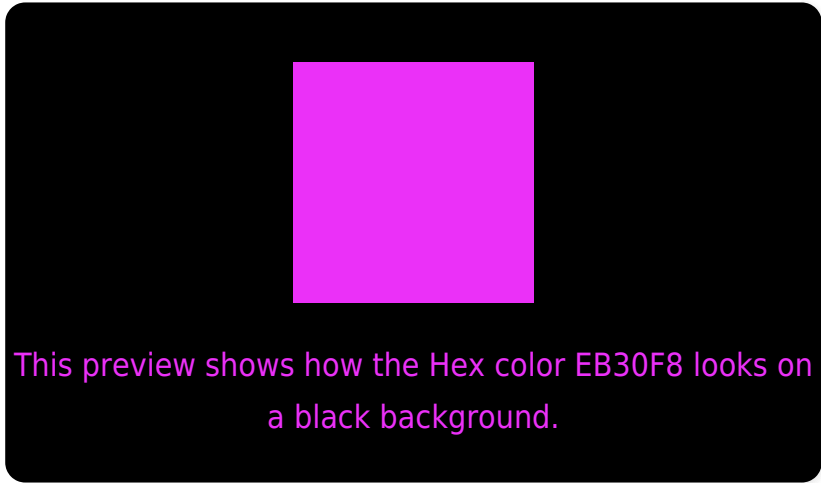
Large Text (above 18pt) WCAG AA ✓ Pass

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

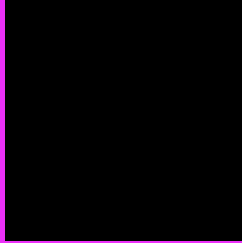
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EB30F8 Background



This preview shows how black text looks on a background with the Hex color EB30F8.

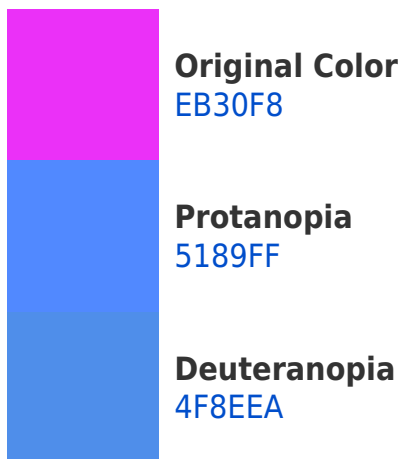


This preview shows how white text looks on a background with the Hex color EB30F8.

# 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





# Trichromacy



**Original Color**  
EB30F8



**Protanomaly**  
8969FC



**Deuteranomaly**  
886CEF



**Tritanomaly**  
E154A1

# Monochromacy



**Original Color**  
EB30F8



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
A662AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB30F8 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 #EB30F8 looks like.

```
.text, #text, p{  
    color:#EB30F8  
}
```

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 #EB30F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB30F8
}
```

## Border

The CSS property to change the border of an element to Hex EB30F8 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
#EB30F8 }
```

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

```
.border{ border-color:#EB30F8 }
```

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

Here you see how a box with a 4 pixel #EB30F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB30F8; -webkit-box-shadow:4px 4px  
4px 4px #EB30F8; box-shadow:4px 4px 4px  
4px #EB30F8 }
```

# Background

The CSS property to change the background color of an element to Hex EB30F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB30F8 }
```

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

```
.background{ background-color:#EB30F8 }
```

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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