

Converting Colors

Hex(EB76C6)

Have a look what the booklet for
Hex(EB76C6) contains.

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Color

Hex(EB76C6)

Conversions

Conversions Part 1

Format	Color
Hex	EB76C6
RGB	235, 118, 198
RGB Percent	92%, 46%, 78%
CMY	0.0784, 0.5373, 0.2235
CMYK	0.00, 0.50, 0.16, 0.08
HSL	319°, 75%, 69%
HSV	319°, 50%, 92%
XYZ	50.9324, 34.6963, 57.4387
YIQ	162.1030, 44.0520, 49.6840

Conversions

Conversions Part 2

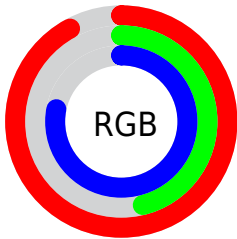
Format	Color
RYB	235, 118, 198
Decimal	15431366
CIELab	65.51, 54.78, -21.06
CIELCh	66, 58.689, 338.966
Yxy	34.6963, 0.3560, 0.2425
Android (android.graphics.Color)	4293621446 (0xFFEB76C6)
YUV	162.1030, 17.6972, 63.9307
Hunter-Lab	58.9035, 51.2634, -16.5831

Details

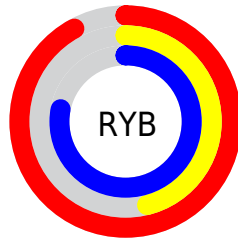
The Hex color **EB76C6** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **76EB9B**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFADFF**, and **B13F90** is the 20% darker color. If you saturate the color by 10%, you get **EB5FBF**, and if you desaturate by 10%, it is **EB8ECD**.

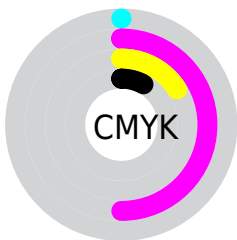
Distribution



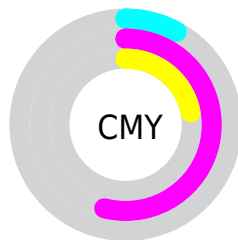
- Red (92%)
- Green (46%)
- Blue (78%)



- Red (92%)
- Yellow (46%)
- Blue (78%)



- Cyan (0%)
- Magenta (50%)
- Yellow (16%)
- Black (8%)



- Cyan (8%)
- Magenta (54%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB76C6 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 EB76C6 by changing the saturation by 10% instead.

 EB76C6

 EB76C6

FFFFFF

 CE5BAB

 FFADFF

 B13F90

 FFCAFF

 942176

 FFE7FF

 79005D

 5E0046

 43002F

 2A001A

 000000

 EB76C6

 EB76C6

 EB5FBF

 EB8ECD

 EB47B7

 EBA5D5

 EB30B0

 EBBDDC

 EB18A8

 EBD4E4

 EB00A1

 EBCECB

 EBFFF3

 EBFFFA

 EBFFFF

Harmonies

Analogous

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



B78AF1



EB76C6



FF6F91

Triad

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



EB76C6



ADA12E



00B7E0

Complementary

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



EB76C6



76EB9B

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.



00B9AE



EB76C6



74AF48

Square

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



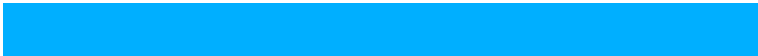
EB76C6



D98F3A



00B677



00AFFF

Rectangle

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



EB76C6



FD756F



00B677



00B8D1

Sweetspot

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



EB76C6



FFD9F3



9976EB



806978



000000



808080

Same Dimension

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



EB76C6



FF66CF



EB768D



756A72



B5007C



360025

Inverse Universe

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



EB76C6



FF66CF



76EBD4



756A72



B5007C



360025

Previews

White Background



This preview shows how the Hex color EB76C6 looks on a white background.

Color Contrast Check

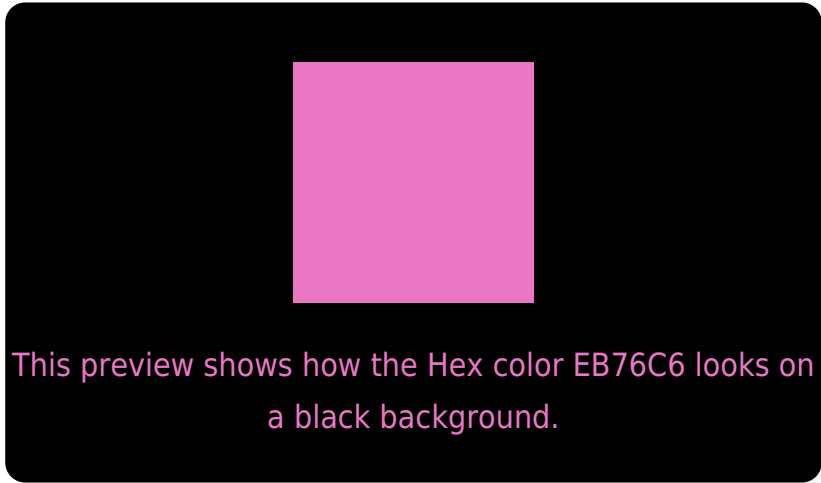
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex EB76C6 Background



This preview shows how black text looks on a background with the Hex color EB76C6.

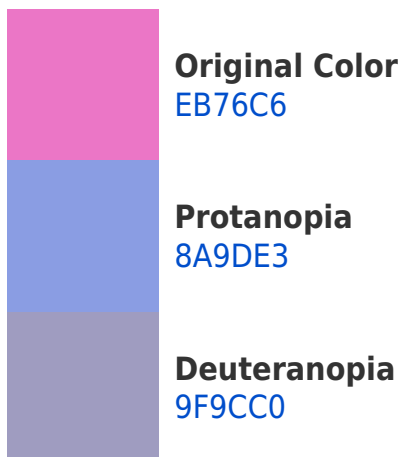



This preview shows how white text looks on a background with the Hex color EB76C6.

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
E5838C

Trichromacy



Original Color
EB76C6



Protanomaly
AD8FD8



Deuteranomaly
BB8EC2

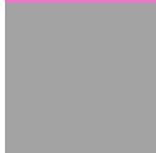


Tritanomaly
E77EA1

Monochromacy



Original Color
EB76C6



Achromatopsia
A2A2A2



Achromatomaly
BD92AF

CSS Examples

Text

The CSS property to change the color of the text to Hex EB76C6 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 #EB76C6 looks like.

```
.text, #text, p{  
    color:#EB76C6  
}
```

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 #EB76C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB76C6
}
```

Border

The CSS property to change the border of an element to Hex EB76C6 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
#EB76C6 }
```

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

```
.border{ border-color:#EB76C6 }
```

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

Here you see how a box with a 4 pixel #EB76C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB76C6; -webkit-box-shadow:4px 4px  
4px 4px #EB76C6; box-shadow:4px 4px 4px  
4px #EB76C6 }
```

Background

The CSS property to change the background color of an element to Hex EB76C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB76C6 }
```

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

```
.background{ background-color:#EB76C6 }
```

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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