

Converting Colors

Hex(EB76DB)

Have a look what the booklet for
Hex(EB76DB) contains.

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Color

Hex(EB76DB)

Conversions

Conversions Part 1

Format	Color
Hex	EB76DB
RGB	235, 118, 219
RGB Percent	92%, 46%, 86%
CMY	0.0784, 0.5373, 0.1412
CMYK	0.00, 0.50, 0.07, 0.08
HSL	308°, 75%, 69%
HSV	308°, 50%, 92%
XYZ	53.5256, 35.7335, 71.0940
YIQ	164.4970, 37.3110, 56.2150

Conversions

Conversions Part 2

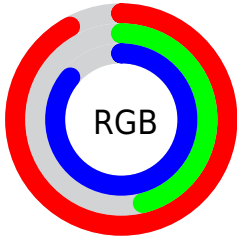
Format	Color
R _{YB}	235, 118, 219
Decimal	15431387
CIE _{Lab}	66.32, 58.09, -31.58
CIE _{LCh}	66, 66.121, 331.466
Yxy	35.7335, 0.3338, 0.2228
Android (android.graphics.Color)	4293621467 (0xFFEB76DB)
YUV	164.4970, 26.8700, 61.8311
Hunter-Lab	59.7775, 55.2206, -28.6699

Details

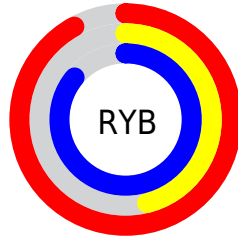
The Hex color **EB76DB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **76EB86**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFAEFF**, and **B13FA4** is the 20% darker color. If you saturate the color by 10%, you get **EB5FD8**, and if you desaturate by 10%, it is **EB8EDE**.

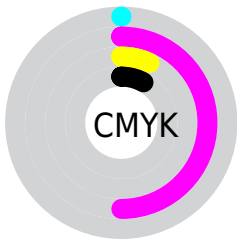
Distribution



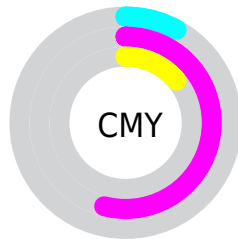
- Red (92%)
- Green (46%)
- Blue (86%)



- Red (92%)
- Yellow (46%)
- Blue (86%)



- Cyan (0%)
- Magenta (50%)
- Yellow (7%)
- Black (8%)



- Cyan (8%)
- Magenta (54%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB76DB 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 EB76DB by changing the saturation by 10% instead.

 EB76DB

 EB76DB

FFFFFF

 CE5BBF

 FFAEFF

 B13FA4

 FFCAFF

 952089

 FFE7FF

 79006F

 5E0057

 43003F

 2B0029

 000112

 000000

 EB76DB

 EB76DB

 EB5FD8

 EB8EDE

 EB47D5

 EBA5E1

 EB30D1

 EBBDE5

 EB18CE

 EBD4E8

 EB00CB

 EBCECB

 EBFFEE

 EBFFF1

 EBFFF5

 EBFFF8

Harmonies

Analogous

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



A590FF



EB76DB



FF67A1

Triad

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



EB76DB



BD9F17



00BCDE

Complementary

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



EB76DB



76EB86

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.



00BDA2



EB76DB



81B031

Square

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



EB76DB



EB8936



0BB965



00B6FF

Rectangle

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



EB76DB



FF6B79



0BB965



00BDCB

Sweetspot

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



EB76DB



FFD9FA



8676EB



80697C



000000



808080

Same Dimension

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



EB76DB



FF66EA



EB76A1



756A74



B5009C



36002E

Inverse Universe

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



EB76DB



FF66EA



76EBC0



756A74



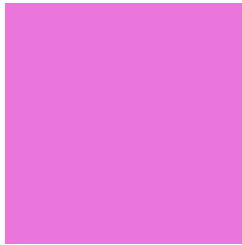
B5009C



36002E

Previews

White Background



This preview shows how the Hex color EB76DB 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 EB76DB Background



This preview shows how black text looks on a background with the Hex color EB76DB.

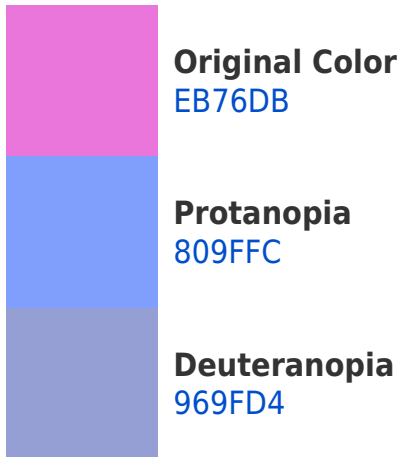


This preview shows how white text looks on a background with the Hex color EB76DB.

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
E28791

Trichromacy



Original Color
EB76DB



Protanomaly
A790F0



Deuteranomaly
B590D7



Tritanomaly
E581AC

Monochromacy



Original Color
EB76DB



Achromatopsia
A4A4A4



Achromatomaly
BE93B8

CSS Examples

Text

The CSS property to change the color of the text to Hex EB76DB 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 #EB76DB looks like.

```
.text, #text, p{  
    color:#EB76DB  
}
```

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 #EB76DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB76DB
}
```

Border

The CSS property to change the border of an element to Hex EB76DB 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
#EB76DB }
```

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

```
.border{ border-color:#EB76DB }
```

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

Here you see how a box with a 4 pixel #EB76DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB76DB; -webkit-box-shadow:4px 4px  
4px 4px #EB76DB; box-shadow:4px 4px 4px  
4px #EB76DB }
```

Background

The CSS property to change the background color of an element to Hex EB76DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB76DB }
```

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

```
.background{ background-color:#EB76DB }
```

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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