

Converting Colors

Hex(EB38D5)

Have a look what the booklet for
Hex(EB38D5) contains.

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Color

Hex(EB38D5)

Conversions

Conversions Part 1

Format	Color
Hex	EB38D5
RGB	235, 56, 213
RGB Percent	92%, 22%, 84%
CMY	0.0784, 0.7804, 0.1647
CMYK	0.00, 0.76, 0.09, 0.08
HSL	307°, 82%, 57%
HSV	307°, 76%, 92%
XYZ	47.6854, 25.2946, 65.3198
YIQ	127.4190, 56.2870, 86.7750

Conversions

Conversions Part 2

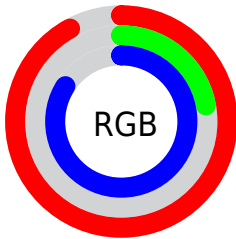
Format	Color
R _Y B	235, 56, 213
Decimal	15415509
CIE Lab	57.36, 81.09, -42.19
CIE LCh	57, 91.408, 332.510
Yxy	25.2946, 0.3448, 0.1829
Android (android.graphics.Color)	4293605589 (0xFFEB38D5)
YUV	127.4190, 42.1914, 94.3485
Hunter-Lab	50.2937, 81.2284, -41.7982

Details

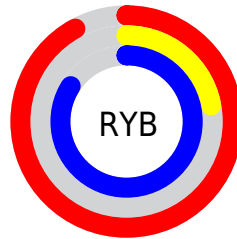
The Hex color **EB38D5** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **38EB4E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF79FF**, and **AF009E** is the 20% darker color. If you saturate the color by 10%, you get **EB21D2**, and if you desaturate by 10%, it is **EB4FD8**.

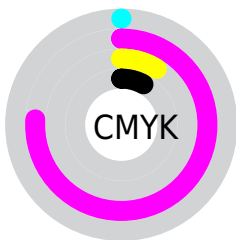
Distribution



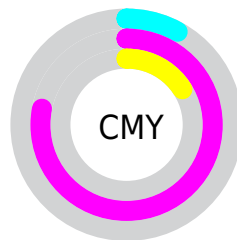
- Red (92%)
- Green (22%)
- Blue (84%)



- Red (92%)
- Yellow (22%)
- Blue (84%)



- Cyan (0%)
- Magenta (76%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (78%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB38D5 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 EB38D5 by changing the saturation by 10% instead.

 EB38D5

 EB38D5

FFFFFF

 CD00B9

 FF79FF

 AF009E

 FF97FF

 920083

 FFB5FF

 750069

 FFD3FF

 580051

 FFF2FF

 3D0039

 1F0022

 000008

 000000

 EB38D5

 EB38D5

 EB21D2

 EB4FD8

 EB09CF

 EB67DB

 EB00CE

 EB7EDE

 EB96E1

 EBAEE3

 EBC5E6

 EBDDE9

 EBF4EC

 EBFFEF

Harmonies

Analogous

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



8670FF



EB38D5



FF0087

Triad

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



EB38D5



A18900



00AADE

Complementary

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



EB38D5



38EB4E

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.



00AA8F



EB38D5



4C9C00

Square

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



EB38D5



DF6700



00A638



00A4FF

Rectangle

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



EB38D5



FF0F53



00A638



00ABC5

Sweetspot

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



EB38D5



FFC4F8



4D38EB



805C7B



000000



808080

Same Dimension

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



EB38D5



FF17E2



EB387D



756A74



B5009F



36002F

Inverse Universe

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



EB38D5



FF17E2



38EBA6



756A74



B5009F



36002F

Previews

White Background



This preview shows how the Hex color EB38D5 looks on a white background.

Color Contrast Check

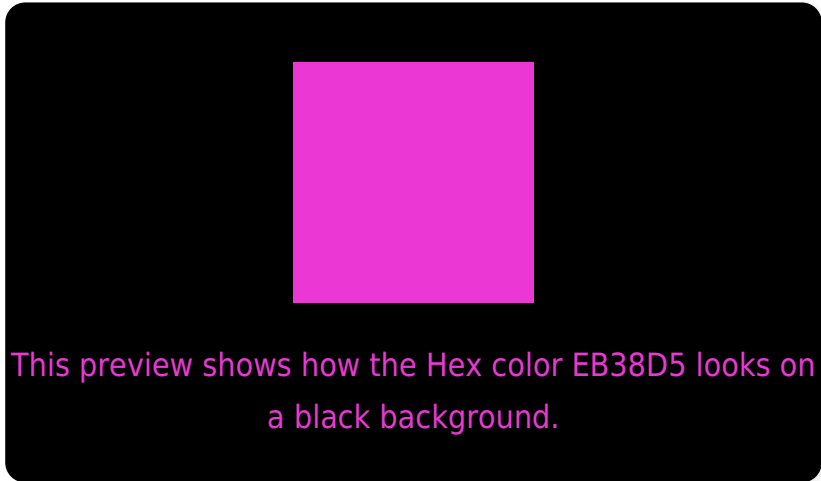
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB38D5 Background



This preview shows how black text looks on a background with the Hex color EB38D5.

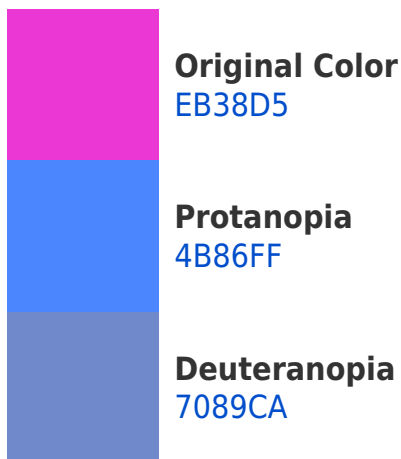


This preview shows how white text looks on a background with the Hex color EB38D5.

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
E06066

Trichromacy



Original Color
EB38D5



Protanomaly
856AF0



Deuteranomaly
9D6CCE



Tritanomaly
E4518E

Monochromacy



Original Color
EB38D5



Achromatopsia
7F7F7F



Achromatomaly
A6659E

CSS Examples

Text

The CSS property to change the color of the text to Hex EB38D5 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 #EB38D5 looks like.

```
.text, #text, p{  
  color:#EB38D5  
}
```

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 #EB38D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB38D5
}
```

Border

The CSS property to change the border of an element to Hex EB38D5 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
#EB38D5 }
```

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

```
.border{ border-color:#EB38D5 }
```

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

Here you see how a box with a 4 pixel #EB38D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB38D5; -webkit-box-shadow:4px 4px  
4px 4px #EB38D5; box-shadow:4px 4px 4px  
4px #EB38D5 }
```

Background

The CSS property to change the background color of an element to Hex EB38D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB38D5 }
```

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

```
.background{ background-color:#EB38D5 }
```

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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