

Converting Colors

Hex(EB408D)

Have a look what the booklet for
Hex(EB408D) contains.

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Color

Hex(EB408D)

Conversions

Conversions Part 1

Format	Color
Hex	EB408D
RGB	235, 64, 141
RGB Percent	92%, 25%, 55%
CMY	0.0784, 0.7490, 0.4471
CMYK	0.00, 0.73, 0.40, 0.08
HSL	333°, 81%, 59%
HSV	333°, 73%, 92%
XYZ	40.9021, 23.2520, 27.5316
YIQ	123.9070, 77.1990, 60.1990

Conversions

Conversions Part 2

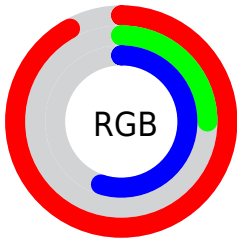
Format	Color
R _Y B	235, 64, 141
Decimal	15417485
CIE Lab	55.33, 70.03, -3.49
CIE LCh	55, 70.116, 357.151
Yxy	23.2520, 0.4461, 0.2536
Android (android.graphics.Color)	4293607565 (0xFFEB408D)
YUV	123.9070, 8.4268, 97.4286
Hunter-Lab	48.2204, 67.0237, -0.0976

Details

The Hex color **EB408D** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle muted rose. A complement of this color would be **40EB9E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF7DC2**, and **AE005B** is the 20% darker color. If you saturate the color by 10%, you get **EB2980**, and if you desaturate by 10%, it is **EB589A**.

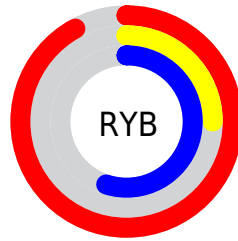
Distribution



Red (92%)

Green (25%)

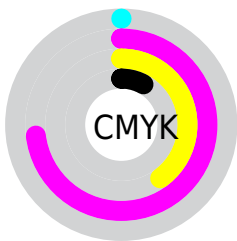
Blue (55%)



Red (92%)

Yellow (25%)

Blue (55%)

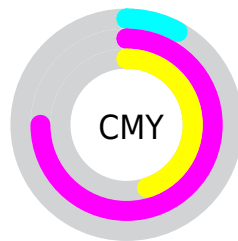


Cyan (0%)

Magenta (73%)

Yellow (40%)

Black (8%)



Cyan (8%)

Magenta (75%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB408D 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 EB408D by changing the saturation by 10% instead.

 EB408D

 EB408D

FFFFFF

 CC1874

 FF7DC2

 AE005B

 FF9ADE

 900044

 FFB7FB

 72002E

 FFD5FF

 550019

 FFF3FF

 390002

 100000

 000000

 EB408D

 EB408D

 EB2980

 EB589A

 EB1173

 EB6FA7

 EB006A

 EB87B4

 EB9EC1

 EBB6CE

 EBCDDB

 EBE5E7

 EBFCF4

 EBFFFF

Harmonies

Analogous

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



C758C7



EB408D



EC4A51

Triad

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



EB408D



699100



009BEA

Complementary

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



EB408D



40EB9E

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.



009FBB



EB408D



009B3D

Square

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



EB408D



A48000



009F7D



008EFF

Rectangle

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



EB408D



DD5C2B



009F7D



009DDD

Sweetspot

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



EB408D



FFC7E0



9B40EB



805E6D



000000



808080

Same Dimension

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



EB408D



FF2185



EB4640



756A6F



B50052



360018

Inverse Universe

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



EB408D



FF2185



40E5EB



756A6F



B50052



360018

Previews

White Background



This preview shows how the Hex color EB408D 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 EB408D Background



This preview shows how black text looks on a background with the Hex color EB408D.



This preview shows how white text looks on a background with the Hex color EB408D.

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



Original Color
EB408D

Protanopia
7583B8

Deuteranopia
928184



Tritanopia
E74F53

Trichromacy



Original Color
EB408D



Protanomaly
A06BA8



Deuteranomaly
B26987

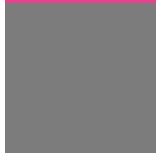


Tritanomaly
E84A68

Monochromacy



Original Color
EB408D



Achromatopsia
7C7C7C



Achromatomaly
A46682

CSS Examples

Text

The CSS property to change the color of the text to Hex EB408D 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 #EB408D looks like.

```
.text, #text, p{  
    color:#EB408D  
}
```

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 #EB408D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB408D
}
```

Border

The CSS property to change the border of an element to Hex EB408D 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
#EB408D }
```

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

```
.border{ border-color:#EB408D }
```

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

Here you see how a box with a 4 pixel #EB408D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB408D; -webkit-box-shadow:4px 4px  
4px 4px #EB408D; box-shadow:4px 4px 4px  
4px #EB408D }
```

Background

The CSS property to change the background color of an element to Hex EB408D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB408D }
```

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

```
.background{ background-color:#EB408D }
```

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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