

Converting Colors

Hex(EB4868)

Have a look what the booklet for
Hex(EB4868) contains.

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Color

Hex(EB4868)

Conversions

Conversions Part 1

Format	Color
Hex	EB4868
RGB	235, 72, 104
RGB Percent	92%, 28%, 41%
CMY	0.0784, 0.7176, 0.5922
CMYK	0.00, 0.69, 0.56, 0.08
HSL	348°, 80%, 60%
HSV	348°, 69%, 92%
XYZ	39.0770, 23.2964, 15.5338
YIQ	124.3850, 86.8760, 44.5080

Conversions

Conversions Part 2

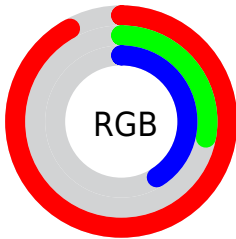
Format	Color
RYB	235, 72, 104
Decimal	15419496
CIELab	55.38, 64.13, 18.56
CIElCh	55, 66.764, 16.139
Yxy	23.2964, 0.5016, 0.2990
Android (android.graphics.Color)	4293609576 (0xFFEB4868)
YUV	124.3850, -10.0498, 97.0094
Hunter-Lab	48.2663, 60.0497, 14.7049

Details

The Hex color **EB4868** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle muted rose. A complement of this color would be **48EBCB**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF829B**, and **AD0039** is the 20% darker color. If you saturate the color by 10%, you get **EB3155**, and if you desaturate by 10%, it is **EB607B**.

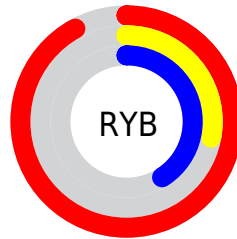
Distribution



Red (92%)

Green (28%)

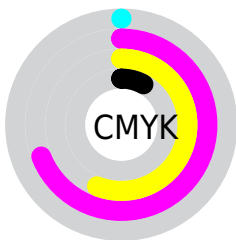
Blue (41%)



Red (92%)

Yellow (28%)

Blue (41%)

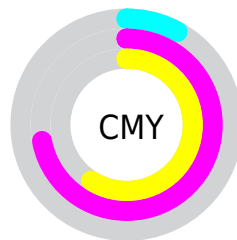


Cyan (0%)

Magenta (69%)

Yellow (56%)

Black (8%)



Cyan (8%)

Magenta (72%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB4868 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 EB4868 by changing the saturation by 10% instead.

 EB4868

 EB4868

FFFFFF

 CC2750

 FF829B

 AD0039

 FF9FB6

 8E0024

 FFBCD1

 700010

 FFD9ED

 520001

 FFF7FF

 350002

 030000

 000000

 EB4868

 EB4868

 EB3155

 EB607B

 EB1942

 EB778E

 EB022F

 EB8FA1

 EB002E

 EBA6B4

 EBBDC6

 EBD5D9

 EBCECE

 EBFFFF

Harmonies

Analogous

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



DE4CA2



EB4868



DB5E32

Triad

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



EB4868



3A972C



0093F5

Complementary

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



EB4868



48EBCB

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.



009CD7



EB4868



009D67

Square

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



EB4868



828B00



009FA3



4181F5

Rectangle

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



EB4868



C47009



009FA3



0097EF

Sweetspot

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



EB4868



FFC9D4



CA48EB



806066



000000



808080

Same Dimension

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



EB4868



FF2B55



EB7948



756A6C



B50024



36000B

Inverse Universe

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



EB4868



FF2B55



48BAEB



756A6C



B50024



36000B

Previews

White Background



This preview shows how the Hex color EB4868 looks on a white background.

Color Contrast Check

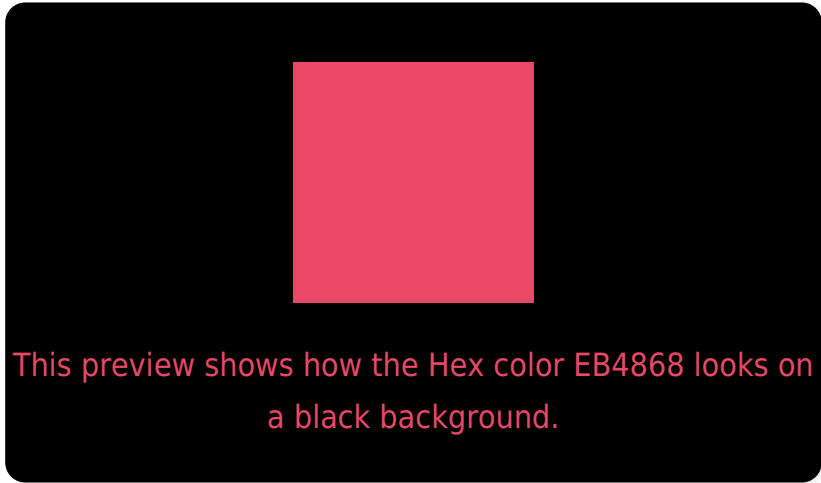
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB4868 Background



This preview shows how black text looks on a background with the Hex color EB4868.



This preview shows how white text looks on a background with the Hex color EB4868.

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

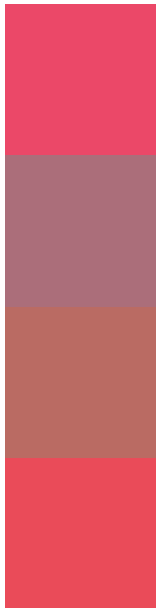


Original Color
EB4868

Protanopia
878485

Deuteranopia
9E7F60

Trichromacy



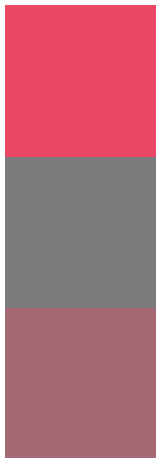
Original Color
EB4868

Protanomaly
AB6E7A

Deuteranomaly
BA6B63

Tritanomaly
EA4B59

Monochromacy



Original Color
EB4868

Achromatopsia
7C7C7C

Achromatomaly
A46975

CSS Examples

Text

The CSS property to change the color of the text to Hex EB4868 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 #EB4868 looks like.

```
.text, #text, p{  
    color:#EB4868  
}
```

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 #EB4868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB4868
}
```

Border

The CSS property to change the border of an element to Hex EB4868 is called "border". The border property can be set on classes, ids or directly on the HTML element.

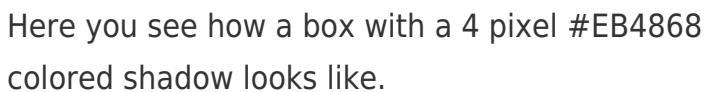
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB4868 }
```

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

```
.border{ border-color:#EB4868 }
```

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



Here you see how a box with a 4 pixel #EB4868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB4868; -webkit-box-shadow:4px 4px  
4px 4px #EB4868; box-shadow:4px 4px 4px  
4px #EB4868 }
```

Background

The CSS property to change the background color of an element to Hex EB4868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB4868 }
```

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

```
.background{ background-color:#EB4868 }
```

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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