

Converting Colors

Hex(EB4B6B)

Have a look what the booklet for
Hex(EB4B6B) contains.

Hex(EB4B6B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EB4B6B)

Conversions

Conversions Part 1

Format	Color
Hex	EB4B6B
RGB	235, 75, 107
RGB Percent	92%, 29%, 42%
CMY	0.0784, 0.7059, 0.5804
CMYK	0.00, 0.68, 0.54, 0.08
HSL	348°, 80%, 61%
HSV	348°, 68%, 92%
XYZ	39.4309, 23.7559, 16.4170
YIQ	126.4880, 85.0880, 43.8720

Conversions

Conversions Part 2

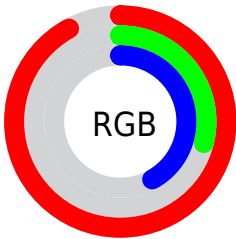
Format	Color
R_{YB}	235, 75, 107
Decimal	15420267
CIE _{Lab}	55.84, 63.24, 17.42
CIE _{LCh}	56, 65.597, 15.398
Yxy	23.7559, 0.4953, 0.2984
Android (android.graphics.Color)	4293610347 (0xFFEB4B6B)
YUV	126.4880, -9.6076, 95.1650
Hunter-Lab	48.7400, 59.1123, 14.1474

Details

The Hex color **EB4B6B** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **4BEBCB**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF859E**, and **AD003C** is the 20% darker color. If you saturate the color by 10%, you get **EB3458**, and if you desaturate by 10%, it is **EB627E**.

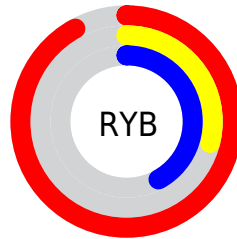
Distribution



Red (92%)

Green (29%)

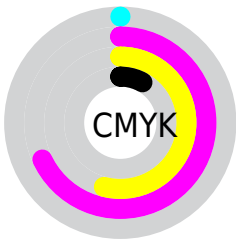
Blue (42%)



Red (92%)

Yellow (29%)

Blue (42%)

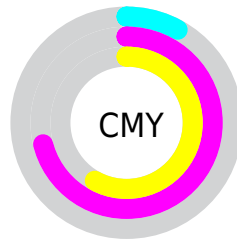


Cyan (0%)

Magenta (68%)

Yellow (54%)

Black (8%)



Cyan (8%)

Magenta (71%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB4B6B 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 EB4B6B by changing the saturation by 10% instead.

 EB4B6B

 EB4B6B

FFFFFF

 CC2B53

 FF859E

 AD003C

 FFA1B9

 8F0027

 FFBED5

 700013

 FFD0F1

 530001

 FFF9FF

 360002

 060000

 000000

 EB4B6B

 EB4B6B

 EB3458

 EB627E

 EB1C45

 EB7A91

 EB0433

 EB92A3

 EB002F

 EBA9B6

 EBC1C9

 EBD8DC

 EBF0EF

 EBFFFF

Harmonies

Analogous

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



DE4FA4



EB4B6B



DC6036

Triad

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



EB4B6B



40982E



0094F4

Complementary

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



EB4B6B



4BEBCB

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.



009DD6



EB4B6B



009E67

Square

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



EB4B6B



858C00



00A0A2



4182F4

Rectangle

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



EB4B6B



C57112



00A0A2



0098ED

Sweetspot

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



EB4B6B



FFCCD6



CB4BEB



806167



000000



808080

Same Dimension

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



EB4B6B



FF2E58



EB7B4B



756A6C



B50024



36000B

Inverse Universe

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



EB4B6B



FF2E58



4BBBEB



756A6C



B50024



36000B

Previews

White Background



This preview shows how the Hex color EB4B6B looks on a white background.

Color Contrast Check

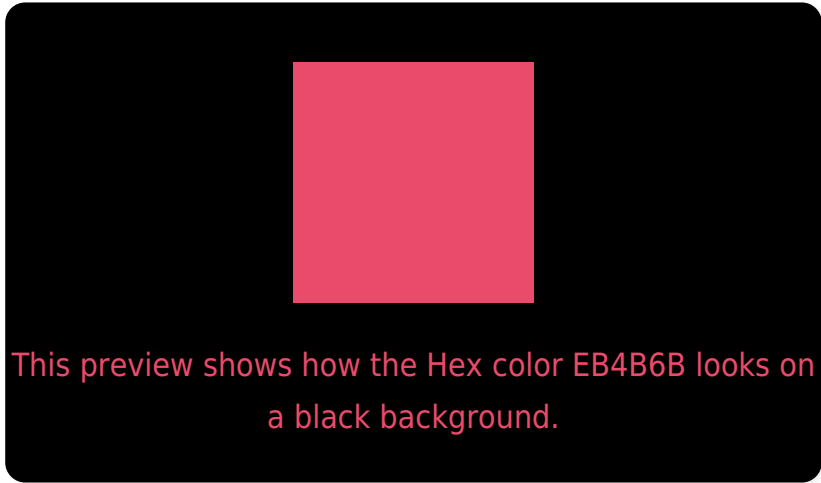
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB4B6B Background



This preview shows how black text looks on a background with the Hex color EB4B6B.

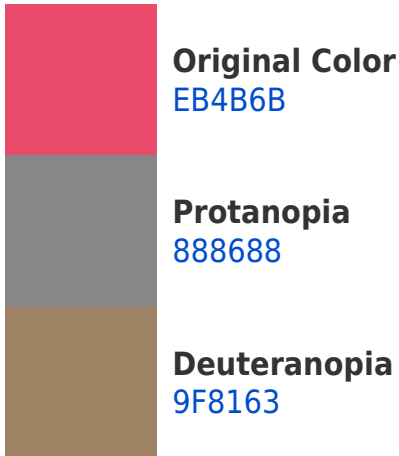


This preview shows how white text looks on a background with the Hex color EB4B6B.

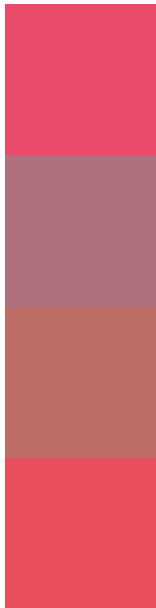
Color Blindness Simulation

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



Trichromacy



Original Color
EB4B6B

Protanomaly
AC717D

Deuteranomaly
BB6D66

Tritanomaly
EA4E5C

Monochromacy



Original Color
EB4B6B

Achromatopsia
7E7E7E

Achromatomaly
A66B77

CSS Examples

Text

The CSS property to change the color of the text to Hex EB4B6B 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 #EB4B6B looks like.

```
.text, #text, p{  
  color:#EB4B6B  
}
```

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 #EB4B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB4B6B
}
```

Border

The CSS property to change the border of an element to Hex EB4B6B 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
#EB4B6B }
```

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

```
.border{ border-color:#EB4B6B }
```

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

Here you see how a box with a 4 pixel #EB4B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB4B6B; -webkit-box-shadow:4px 4px  
4px 4px #EB4B6B; box-shadow:4px 4px 4px  
4px #EB4B6B }
```

Background

The CSS property to change the background color of an element to Hex EB4B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB4B6B }
```

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

```
.background{ background-color:#EB4B6B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor