

# Converting Colors

Hex(EB6371)

Have a look what the booklet for  
Hex(EB6371) contains.

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# **Color**

**Hex(EB6371)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB6371
RGB	235, 99, 113
RGB Percent	92%, 39%, 44%
CMY	0.0784, 0.6118, 0.5569
CMYK	0.00, 0.58, 0.52, 0.08
HSL	354°, 77%, 65%
HSV	354°, 58%, 92%
XYZ	41.7034, 27.7781, 18.7865
YIQ	141.2600, 76.5620, 33.1860

# Conversions

## Conversions Part 2

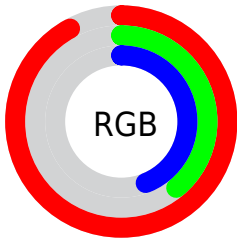
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 99, 113
Decimal	15426417
CIE Lab	59.69, 53.70, 19.15
CIE LCh	60, 57.013, 19.631
Yxy	27.7781, 0.4725, 0.3147
Android (android.graphics.Color)	4293616497 (0xFFEB6371)
YUV	141.2600, -13.9322, 82.2100
Hunter-Lab	52.7049, 49.0067, 15.7598

# Details

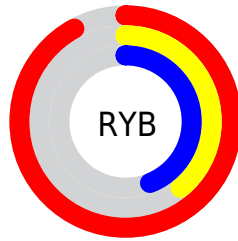
The Hex color **EB6371** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **63EBDD**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF9AA5**, and **AE2A41** is the 20% darker color. If you saturate the color by 10%, you get **EB4B5C**, and if you desaturate by 10%, it is **EB7B86**.

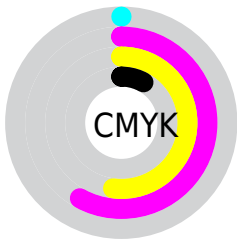
# Distribution



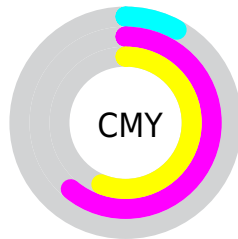
- Red (92%)
- Green (39%)
- Blue (44%)



- Red (92%)
- Yellow (39%)
- Blue (44%)



- Cyan (0%)
- Magenta (58%)
- Yellow (52%)
- Black (8%)



- Cyan (8%)
- Magenta (61%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB6371 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 EB6371 by changing the saturation by 10% instead.



 EB6371

 EB6371

FFFFFF

 CC4759

 FF9AA5

 AE2A41

 FFB6C0

 90002C

 FFD3DC

 730017

 FFF0F8

 560000

 3B0002

 150000

 000000

 EB6371

 EB6371

 EB4B5C

 EB7B86

 EB3447

 EB929B

 EB1D32

 EBAAB0

 EB051D

 EBC1C5

 EB0018

 EBD9DA

 EBF0EF

 EBFFFF

# Harmonies

## Analogous

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



E263A3



EB6371



DB7344

# Triad

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



EB6371



4DA24B



009AF2

# Complementary

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



EB6371



63EBDD

# 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.



00A4DB



EB6371



00A77C

# Square

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



EB6371



8A9728



00A8B0



718AEF

# Rectangle

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



EB6371



C6812D



00A8B0



009EED



# Sweetspot

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



EB6371



FFD4D8



DB63EB



806669



000000



808080



# Same Dimension

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



EB6371



FF4F61



EB9763



756A6B



B50013



360006



# Inverse Universe

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



EB6371



FF4F61



63B7EB



756A6B



B50013



360006



# Previews

## White Background



This preview shows how the Hex color EB6371 looks on a white background.

## Color Contrast Check

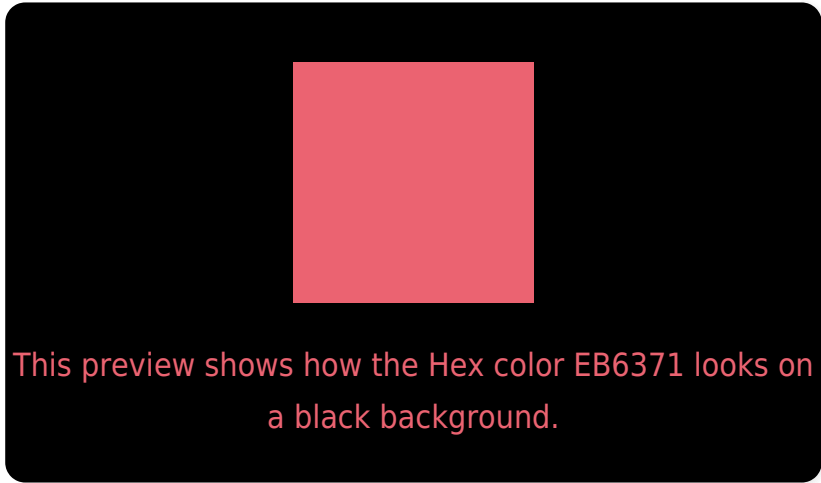
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB6371 Background



This preview shows how black text looks on a background with the Hex color EB6371.

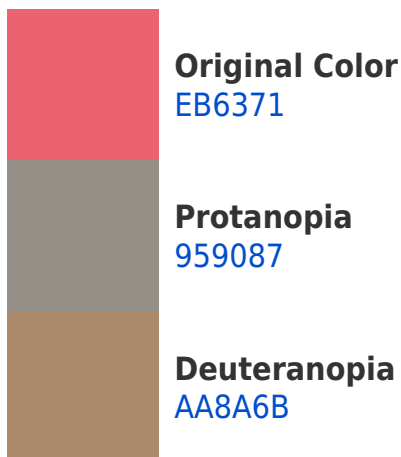


This preview shows how white text looks on a background with the Hex color EB6371.

# 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](#).

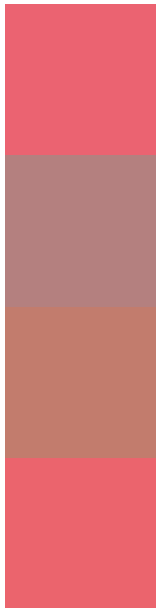
## Dichromacy





**Tritanopia**  
EB646B

# Trichromacy



**Original Color**  
EB6371

**Protanomaly**  
B4807F

**Deuteranomaly**  
C27C6D

**Tritanomaly**  
EB646D

# Monochromacy



**Original Color**  
EB6371

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
AF7E83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB6371 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 #EB6371 looks like.

```
.text, #text, p{  
    color:#EB6371  
}
```

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 #EB6371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB6371
}
```

## Border

The CSS property to change the border of an element to Hex EB6371 is called "border". The border property can be set on classes, ids or directly on the HTML element.

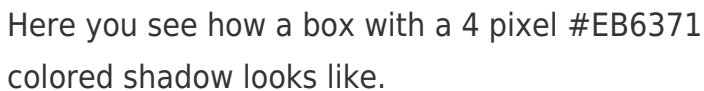
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB6371 }
```

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

```
.border{ border-color:#EB6371 }
```

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



Here you see how a box with a 4 pixel `#EB6371` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB6371; -webkit-box-shadow:4px 4px  
4px 4px #EB6371; box-shadow:4px 4px 4px  
4px #EB6371 }
```

# Background

The CSS property to change the background color of an element to Hex EB6371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB6371 }
```

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

```
.background{ background-color:#EB6371 }
```

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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