

# Converting Colors

Hex(EB93A4)

Have a look what the booklet for  
Hex(EB93A4) contains.

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# **Color**

**Hex(EB93A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB93A4
RGB	235, 147, 164
RGB Percent	92%, 58%, 64%
CMY	0.0784, 0.4235, 0.3569
CMYK	0.00, 0.37, 0.30, 0.08
HSL	348°, 69%, 75%
HSV	348°, 37%, 92%
XYZ	51.3955, 41.2099, 40.3674
YIQ	175.2500, 46.9910, 23.9430

# Conversions

## Conversions Part 2

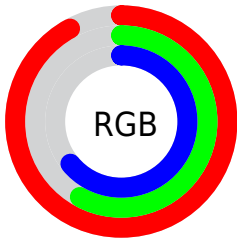
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 147, 164
Decimal	15438756
CIE Lab	70.32, 35.27, 5.16
CIE LCh	70, 35.642, 8.317
Yxy	41.2099, 0.3865, 0.3099
Android (android.graphics.Color)	4293628836 (0xFFEB93A4)
YUV	175.2500, -5.5462, 52.4008
Hunter-Lab	64.1950, 30.5687, 7.6534

# Details

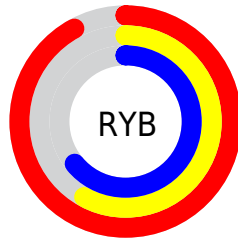
The Hex color **EB93A4** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93EBDA**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFCADB**, and **B15F70** is the 20% darker color. If you saturate the color by 10%, you get **EB7C91**, and if you desaturate by 10%, it is **EBABB7**.

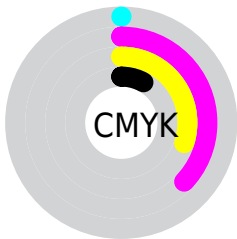
# Distribution



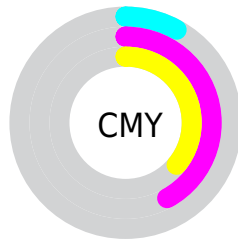
- Red (92%)
- Green (58%)
- Blue (64%)



- Red (92%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (37%)
- Yellow (30%)
- Black (8%)



- Cyan (8%)
- Magenta (42%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB93A4 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 EB93A4 by changing the saturation by 10% instead.



 EB93A4

 EB93A4

FFFFFF

 CE798A

 FFCADB

 B15F70

 FFE6F7

 954658

 7A2D41

 5F132B

 450017

 2F0001

 000000

 EB93A4

 EB93A4

 EB7C91

 EBABB7

 EB647E

 EBC2CA

 EB4C6B

 EBD9DD

 EB3558

 EBF1F0

 EB1D45

 EBFFFF

 EB0632

 EB002D

# Harmonies

## Analogous

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



DC96C5



EB93A4



E89885

# Triad

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



EB93A4



96B678



58B6E7

# Complementary

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



EB93A4



93EBDA

# 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.



32BCD3



EB93A4



6EBC93

# Square

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



EB93A4



B9AD6B



45BEB4



8DACEC

# Rectangle

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



EB93A4



DD9E76



45BEB4



47B8E2



# Sweetspot

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



EB93A4



FFE3E8



D993EB



806F72



000000



808080



# Same Dimension

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



EB93A4



FF8CA2



EBAD93



756A6C



B50023



36000A



# Inverse Universe

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



EB93A4



FF8CA2



93D1EB



756A6C



B50023

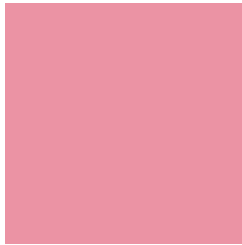


36000A



# Previews

## White Background



This preview shows how the Hex color EB93A4 looks on a white background.

## Color Contrast Check

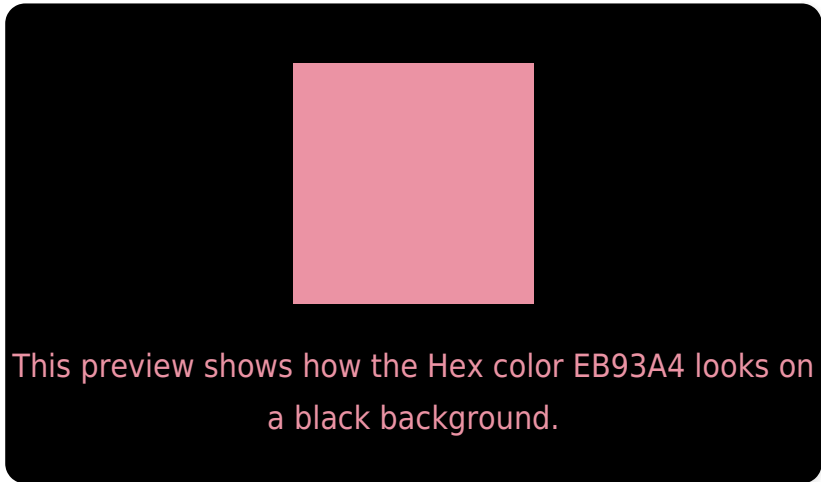
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EB93A4 Background



This preview shows how black text looks on a background with the Hex color EB93A4.



This preview shows how white text looks on a background with the Hex color EB93A4.

# 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**  
EB93A4

**Protanopia**  
AEABB2

**Deuteranopia**  
C1A6A1



**Tritanopia**  
EB949F

# Trichromacy



**Original Color**  
EB93A4



**Protanomaly**  
C4A2AD



**Deuteranomaly**  
D09FA2



**Tritanomaly**  
EB94A1

# Monochromacy



**Original Color**  
EB93A4



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
C5A5AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB93A4 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 #EB93A4 looks like.

```
.text, #text, p{  
    color:#EB93A4  
}
```

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 #EB93A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB93A4
}
```

## Border

The CSS property to change the border of an element to Hex EB93A4 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
#EB93A4 }
```

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

```
.border{ border-color:#EB93A4 }
```

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

Here you see how a box with a 4 pixel #EB93A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB93A4; -webkit-box-shadow:4px 4px  
4px 4px #EB93A4; box-shadow:4px 4px 4px  
4px #EB93A4 }
```

# Background

The CSS property to change the background color of an element to Hex EB93A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB93A4 }
```

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

```
.background{ background-color:#EB93A4 }
```

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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