

# Converting Colors

Hex(EB659A)

Have a look what the booklet for  
Hex(EB659A) contains.

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# Color

**Hex(EB659A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB659A
RGB	235, 101, 154
RGB Percent	92%, 40%, 60%
CMY	0.0784, 0.6039, 0.3961
CMYK	0.00, 0.57, 0.34, 0.08
HSL	336°, 77%, 66%
HSV	336°, 57%, 92%
XYZ	44.7474, 29.3026, 33.8694
YIQ	147.1080, 62.8510, 44.8910

# Conversions

## Conversions Part 2

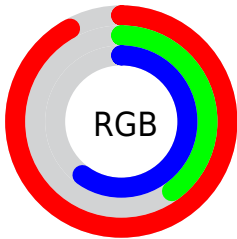
Format	Color
R <sub>Y</sub> B	235, 101, 154
Decimal	15426970
CIE Lab	61.05, 56.86, -2.67
CIE LCh	61, 56.927, 357.310
Yxy	29.3026, 0.4146, 0.2715
Android (android.graphics.Color)	4293617050 (0xFFEB659A)
YUV	147.1080, 3.3978, 77.0813
Hunter-Lab	54.1319, 52.8237, 0.7956

# Details

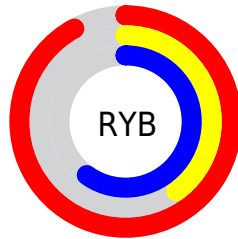
The Hex color **EB659A** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **65EBB6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF9DD0**, and **AF2B67** is the 20% darker color. If you saturate the color by 10%, you get **EB4E8C**, and if you desaturate by 10%, it is **EB7DA8**.

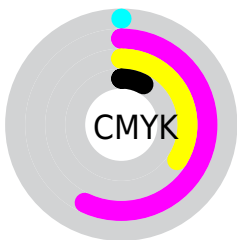
# Distribution



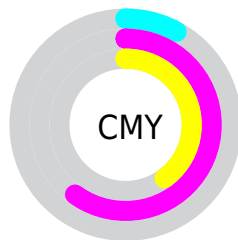
- Red (92%)
- Green (40%)
- Blue (60%)



- Red (92%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (57%)
- Yellow (34%)
- Black (8%)



- Cyan (8%)
- Magenta (60%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB659A 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 EB659A by changing the saturation by 10% instead.



 EB659A

 EB659A

FFFFFF

 CD4980

 FF9DD0

 AF2B67

 FFB9ED

 92004F

 FFD6FF

 760038

 FFF3FF

 590023

 40000D

 200001

 000000

 EB659A

 EB659A

 EB4E8C

 EB7DA8

 EB367E

 EB94B6

 EB1F6F

 EBACCC5

 EB0761

 EBC3D3

 EB005D

 EBD8E1

 EBF2EF

 EBFFFD

 EBFFFF

# Harmonies

## Analogous

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



CC73CA



EB659A



ED6A68

# Triad

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



EB659A



819E32



00A6E7

# Complementary

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



EB659A



65EBB6

# 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.



00ABC0



EB659A



3AA75A

# Square

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



EB659A



B28F26



00AB8D



009AF8

# Rectangle

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



EB659A



E1754B



00AB8D



00A8DC



# Sweetspot

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



EB659A



FFD4E5



B565EB



806670



000000



808080



# Same Dimension

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



EB659A



FF5296



EB7265



756A6E



B50048



360015



# Inverse Universe

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



EB659A



FF5296



65DEEB



756A6E



B50048



360015



# Previews

## White Background



This preview shows how the Hex color EB659A looks on a white background.

## Color Contrast Check

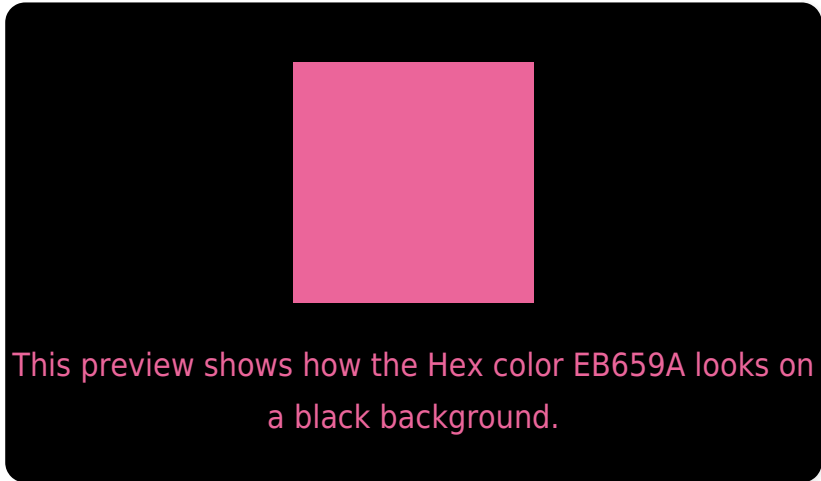
Large Text (above 18pt) WCAG AA ✓ Pass

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

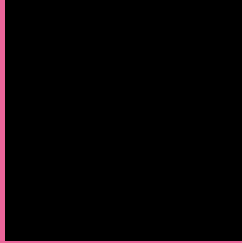
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex EB659A Background



This preview shows how black text looks on a background with the Hex color EB659A.




This preview shows how white text looks on a background with the Hex color EB659A.

# 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**  
E86D74

# Trichromacy



**Original Color**  
EB659A



**Protanomaly**  
AE82AC



**Deuteranomaly**  
BD8096

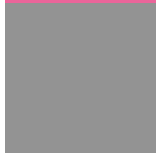


**Tritanomaly**  
E96A82

# Monochromacy



**Original Color**  
EB659A



**Achromatopsia**  
939393



**Achromatomaly**  
B38296

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB659A 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 #EB659A looks like.

```
.text, #text, p{  
    color:#EB659A  
}
```

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 #EB659A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB659A
}
```

## Border

The CSS property to change the border of an element to Hex EB659A 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
#EB659A }
```

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

```
.border{ border-color:#EB659A }
```

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

Here you see how a box with a 4 pixel #EB659A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB659A; -webkit-box-shadow:4px 4px  
4px 4px #EB659A; box-shadow:4px 4px 4px  
4px #EB659A }
```

# Background

The CSS property to change the background color of an element to Hex EB659A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB659A }
```

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

```
.background{ background-color:#EB659A }
```

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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