

# Converting Colors

Hex(E59EA1)

Have a look what the booklet for  
Hex(E59EA1) contains.

<b>Hex(E59EA1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E59EA1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E59EA1
RGB	229, 158, 161
RGB Percent	90%, 62%, 63%
CMY	0.1020, 0.3804, 0.3686
CMYK	0.00, 0.31, 0.30, 0.10
HSL	357°, 58%, 76%
HSV	357°, 31%, 90%
XYZ	50.9730, 43.6849, 39.4637
YIQ	179.5710, 41.3530, 15.9850

# Conversions

## Conversions Part 2

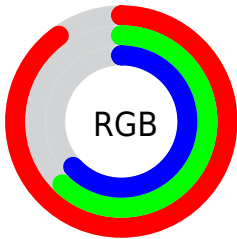
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 158, 161
Decimal	15048353
CIE <sub>Lab</sub>	72.02, 26.84, 9.16
CIE <sub>LCh</sub>	72, 28.362, 18.837
Yxy	43.6849, 0.3801, 0.3257
Android (android.graphics.Color)	4293238433 (0xFFE59EA1)
YUV	179.5710, -9.1555, 43.3492
Hunter-Lab	66.0946, 21.9959, 10.8654

# Details

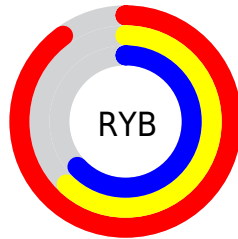
The Hex color **E59EA1** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9EE5E2**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFD5D8**, and **AC6A6E** is the 20% darker color. If you saturate the color by 10%, you get **E5878B**, and if you desaturate by 10%, it is **E5B5B7**.

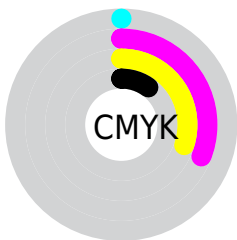
# Distribution



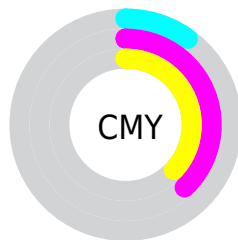
- Red (90%)
- Green (62%)
- Blue (63%)



- Red (90%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (31%)
- Yellow (30%)
- Black (10%)



- Cyan (10%)
- Magenta (38%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E59EA1 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 E59EA1 by changing the saturation by 10% instead.



 E59EA1

 E59EA1

FFFFFF

 C88487

 FFD5D8

 AC6A6E

 FFF2F4

 905155

 75393E

 5B2228

 410A14

 2C0000

 000000

 E59EA1

 E59EA1

 E5878B

 E5B5B7

 E57075

 E5CCCD

 E5595F

 E5E3E3

 E54249

 E5FAF9

 E52B33

 E5FFFF

 E5151D

 E5000A

# Harmonies

## Analogous

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



DE9EBB



E59EA1



DEA38B

# Triad

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



E59EA1



95BB8E



82B6E3

# Complementary

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



E59EA1



9EE5E2

# 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.



66BCD7



E59EA1



78BEA6

# Square

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



E59EA1



B2B47F



63BFC0



A7ADE1

# Rectangle

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



E59EA1



D3A981



63BFC0



77B8E0

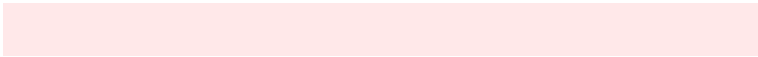


# Sweetspot

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



E59EA1



FFE8E9



E19EE5



807172



000000



808080



# Same Dimension

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



E59EA1



FFA1A5



E5BE9E



736768



B30008



330002



# Inverse Universe

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



E59EA1



FFA1A5



9EC5E5



736768



B30008

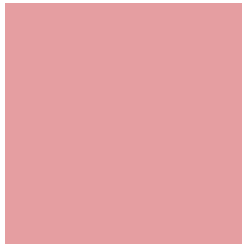


330002



# Previews

## White Background



This preview shows how the Hex color E59EA1 looks on a white background.

## Color Contrast Check

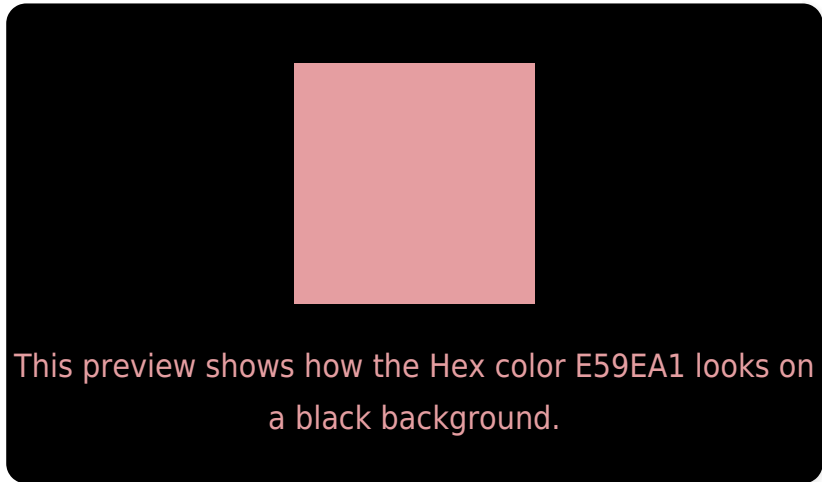
Large Text (above 18pt) WCAG AA × Fail

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 E59EA1 Background



This preview shows how black text looks on a background with the Hex color E59EA1.



This preview shows how white text looks on a background with the Hex color E59EA1.

# 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**  
E69DA9

# Trichromacy



**Original Color**  
E59EA1



**Protanomaly**  
C6A9A7



**Deuteranomaly**  
D3A6A0



**Tritanomaly**  
E69DA6

# Monochromacy



**Original Color**  
E59EA1



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
C6ACAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E59EA1 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 #E59EA1 looks like.

```
.text, #text, p{  
    color:#E59EA1  
}
```

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 #E59EA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E59EA1
}
```

## Border

The CSS property to change the border of an element to Hex E59EA1 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
#E59EA1 }
```

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

```
.border{ border-color:#E59EA1 }
```

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

Here you see how a box with a 4 pixel #E59EA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E59EA1; -webkit-box-shadow:4px 4px  
4px 4px #E59EA1; box-shadow:4px 4px 4px  
4px #E59EA1 }
```

# Background

The CSS property to change the background color of an element to Hex E59EA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E59EA1 }
```

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

```
.background{ background-color:#E59EA1 }
```

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