

# Converting Colors

Hex(EC8181)

Have a look what the booklet for  
Hex(EC8181) contains.

<b>Hex(EC8181)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(EC8181)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC8181
RGB	236, 129, 129
RGB Percent	93%, 51%, 51%
CMY	0.0745, 0.4941, 0.4941
CMYK	0.00, 0.45, 0.45, 0.07
HSL	0°, 74%, 72%
HSV	0°, 45%, 93%
XYZ	46.4048, 35.1184, 25.1016
YIQ	160.9930, 63.7720, 22.6840

# Conversions

## Conversions Part 2

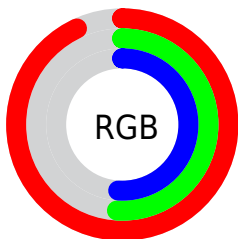
Format	Color
R <sub>Y</sub> B	236, 129, 129
Decimal	15499649
CIE Lab	65.84, 40.95, 18.47
CIE LCh	66, 44.923, 24.278
Yxy	35.1184, 0.4352, 0.3294
Android (android.graphics.Color)	4293689729 (0xFFEC8181)
YUV	160.9930, -15.7725, 65.7811
Hunter-Lab	59.2607, 36.0701, 16.3685

# Details

The Hex color **EC8181** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81ECEC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB8B6**, and **B14D50** is the 20% darker color. If you saturate the color by 10%, you get **EC6969**, and if you desaturate by 10%, it is **EC9999**.

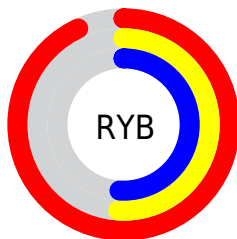
# Distribution



Red (93%)

Green (51%)

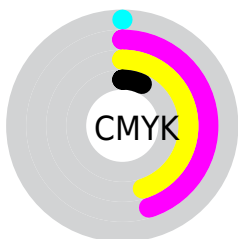
Blue (51%)



Red (93%)

Yellow (51%)

Blue (51%)

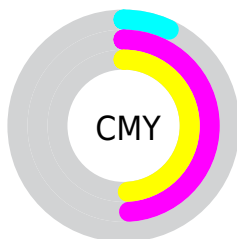


Cyan (0%)

Magenta (45%)

Yellow (45%)

Black (7%)



Cyan (7%)

Magenta (49%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC8181 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 EC8181 by changing the saturation by 10% instead.



 EC8181

 EC8181

FFFFFF

 CE6768

 FFB8B6

 B14D50

 FFD4D1

 943339

 FFF1EE

 771824

 5B000F

 400000

 250001

 000000

 EC8181

 EC8181

 EC6969

 EC9999

 EC5252

 ECB0B0

 EC3A3A

 ECC8C8

 EC2323

 ECDDFD

 EC0B0B

 ECF7F7

 EC0000

 ECFFFF

# Harmonies

## Analogous

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



E77FA9



EC8181



DD8C60

# Triad

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



EC8181



67B06F



49A6F0

# Complementary

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



EC8181



81ECEC

# 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.



00B0E0



EC8181



15B497

# Square

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



EC8181



98A854



00B4C0



9798E9

# Rectangle

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



EC8181



CB9652



00B4C0



17AAED



# Sweetspot

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



EC8181



FFDBDB



EC81EC



806A6A



000000



808080



# Same Dimension

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



EC8181



FF7575



ECB681



756A6A



B50000



360000



# Inverse Universe

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



81ECEC



75FFFF



81B6EC



6A7575



00B5B5



003636



# Previews

## White Background



This preview shows how the Hex color EC8181 looks on a white background.

## Color Contrast Check

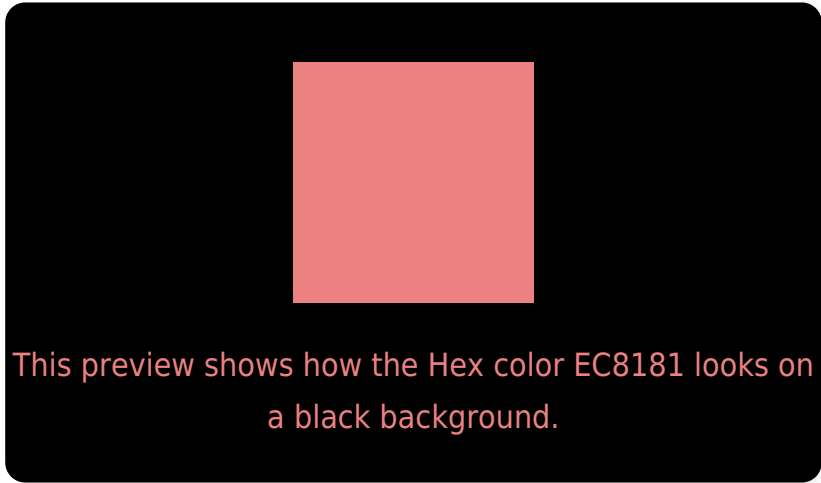
Large Text (above 18pt) WCAG AA × Fail

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 EC8181 Background



This preview shows how black text looks on a background with the Hex color EC8181.

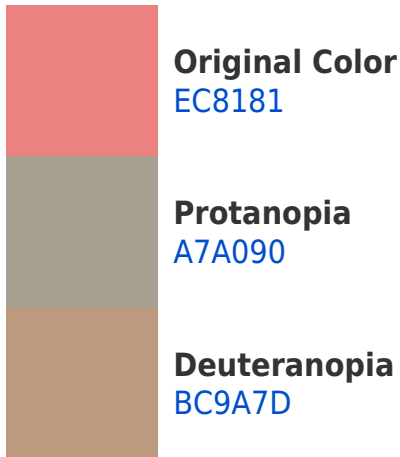


This preview shows how white text looks on a background with the Hex color EC8181.

# 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**  
EC8181



**Protanomaly**  
C0958B



**Deuteranomaly**  
CD917E



**Tritanomaly**  
ED8086

# Monochromacy



**Original Color**  
EC8181



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
BC9595

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC8181 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 #EC8181 looks like.

```
.text, #text, p{  
    color:#EC8181  
}
```

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 #EC8181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC8181
}
```

## Border

The CSS property to change the border of an element to Hex EC8181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

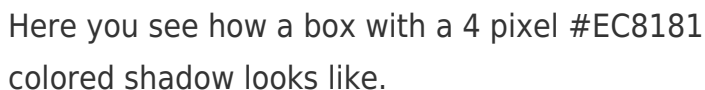
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EC8181 }
```

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

```
.border{ border-color:#EC8181 }
```

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



Here you see how a box with a 4 pixel `#EC8181` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC8181; -webkit-box-shadow:4px 4px  
4px 4px #EC8181; box-shadow:4px 4px 4px  
4px #EC8181 }
```

# Background

The CSS property to change the background color of an element to Hex EC8181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC8181 }
```

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

```
.background{ background-color:#EC8181 }
```

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