

# Converting Colors

Hex(EC8580)

Have a look what the booklet for  
Hex(EC8580) contains.

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# **Color**

**Hex(EC8580)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC8580
RGB	236, 133, 128
RGB Percent	93%, 52%, 50%
CMY	0.0745, 0.4784, 0.4980
CMYK	0.00, 0.44, 0.46, 0.07
HSL	3°, 74%, 71%
HSV	3°, 46%, 93%
XYZ	46.8759, 36.1664, 24.9323
YIQ	163.2270, 62.9930, 20.2810

# Conversions

## Conversions Part 2

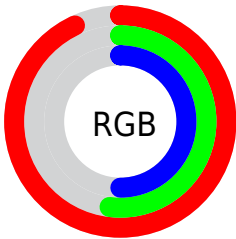
Format	Color
R <sub>Y</sub> B	236, 133, 128
Decimal	15500672
CIE Lab	66.65, 38.80, 20.14
CIE LCh	67, 43.717, 27.428
Yxy	36.1664, 0.4341, 0.3350
Android (android.graphics.Color)	4293690752 (0xFFEC8580)
YUV	163.2270, -17.3669, 63.8219
Hunter-Lab	60.1385, 33.8921, 17.5165

# Details

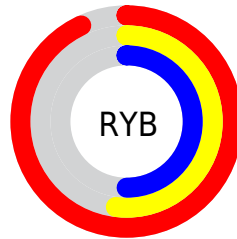
The Hex color **EC8580** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80E7EC**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFBCB5**, and **B1514F** is the 20% darker color. If you saturate the color by 10%, you get **EC6E68**, and if you desaturate by 10%, it is **EC9C98**.

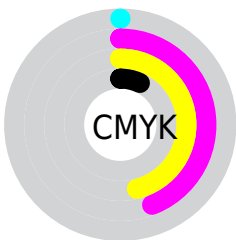
# Distribution



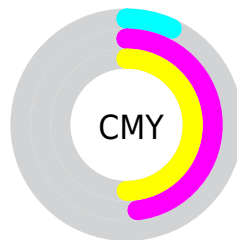
- Red (93%)
- Green (52%)
- Blue (50%)



- Red (93%)
- Yellow (52%)
- Blue (50%)



- Cyan (0%)
- Magenta (44%)
- Yellow (46%)
- Black (7%)



- Cyan (7%)
- Magenta (48%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC8580 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 EC8580 by changing the saturation by 10% instead.



 EC8580

 EC8580

FFFFFF

 CE6B67

 FFBCB5

 B1514F

 FFD8D0

 943838

 FFF5ED

 771E23

 5B000E

 400000

 260001

 000000

 EC8580

 EC8580

 EC6E68

 EC9C98

 EC5851

 ECB2AF

 EC4139

 ECC9C7

 EC2B22

 ECDFDE

 EC140A

 ECF6F6

 EC0B00

 ECFFFF

# Harmonies

## Analogous

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



E982A7



EC8580



DC9161

# Triad

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



EC8580



66B276



5AA7F0

# Complementary

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



EC8580



80E7EC

# 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.



00B1E3



EC8580



16B69D

# Square

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



EC8580



96AB5A



00B6C5



A099E8

# Rectangle

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



EC8580



C99A55



00B6C5



39ABEE

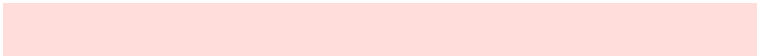


# Sweetspot

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



EC8580



FFDDBB



EC80E8



806B6A



000000



808080



# Same Dimension

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



EC8580



FF7973



ECBA80



756A6A



B50800



360200



# Inverse Universe

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



80E7EC



73F9FF



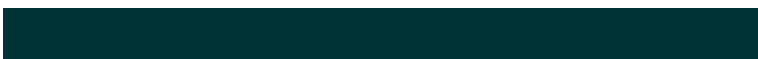
80B2EC



6A7575



00ADB5



003336



# Previews

## White Background



This preview shows how the Hex color EC8580 looks on a white background.

## Color Contrast Check

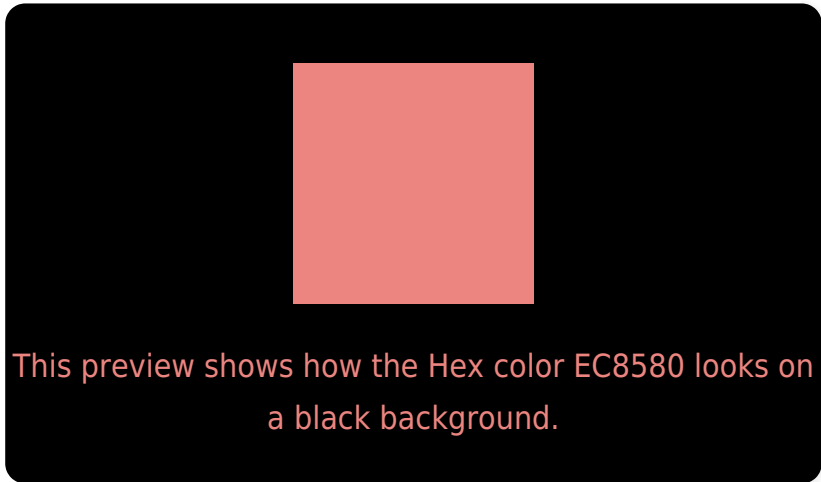
Large Text (above 18pt) WCAG AA × Fail

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 EC8580 Background



This preview shows how black text looks on a background with the Hex color EC8580.

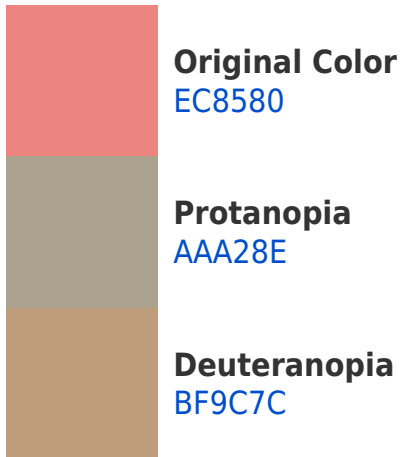



This preview shows how white text looks on a background with the Hex color EC8580.

# 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**  
ED838D

# Trichromacy



**Original Color**  
EC8580



**Protanomaly**  
C29789



**Deuteranomaly**  
CF947D



**Tritanomaly**  
ED8488

# Monochromacy



**Original Color**  
EC8580



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
BE9896

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC8580 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 #EC8580 looks like.

```
.text, #text, p{  
    color:#EC8580  
}
```

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 #EC580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC580  
}
```

## Border

The CSS property to change the border of an element to Hex EC580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

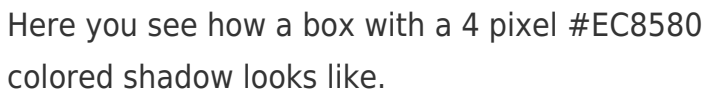
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#EC580 }
```

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

```
.border{ border-color:#EC8580 }
```

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



Here you see how a box with a 4 pixel `#EC8580` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC8580; -webkit-box-shadow:4px 4px  
4px 4px #EC8580; box-shadow:4px 4px 4px  
4px #EC8580 }
```

# Background

The CSS property to change the background color of an element to Hex EC8580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC8580 }
```

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

```
.background{ background-color:#EC8580 }
```

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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