

Converting Colors

Hex(EC9879)

Have a look what the booklet for
Hex(EC9879) contains.

Hex(EC9879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EC9879)

Conversions

Conversions Part 1

Format	Color
Hex	EC9879
RGB	236, 152, 121
RGB Percent	93%, 60%, 47%
CMY	0.0745, 0.4039, 0.5255
CMYK	0.00, 0.36, 0.49, 0.07
HSL	16°, 75%, 70%
HSV	16°, 49%, 93%
XYZ	49.2715, 41.6698, 23.5353
YIQ	173.5820, 60.0150, 8.1670

Conversions

Conversions Part 2

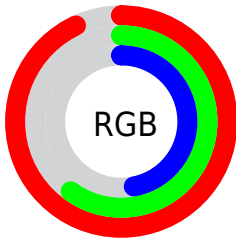
Format	Color
R _Y B	236, 163, 121
Decimal	15505529
CIE Lab	70.64, 28.20, 29.36
CIE LCh	71, 40.705, 46.153
Yxy	41.6698, 0.4304, 0.3640
Android (android.graphics.Color)	4293695609 (0xFFEC9879)
YUV	173.5820, -25.9229, 54.7406
Hunter-Lab	64.5522, 23.2795, 23.5697

Details

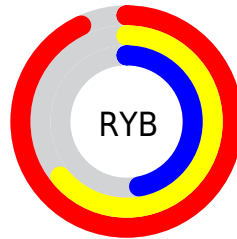
The Hex color **EC9879** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **79CDEC**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCFAE**, and **B16448** is the 20% darker color. If you saturate the color by 10%, you get **EC8761**, and if you desaturate by 10%, it is **ECA991**.

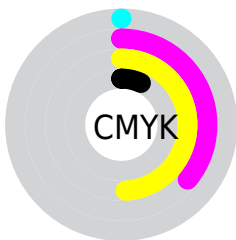
Distribution



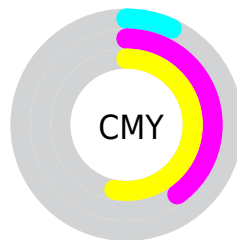
- Red (93%)
- Green (60%)
- Blue (47%)



- Red (93%)
- Yellow (64%)
- Blue (47%)



- Cyan (0%)
- Magenta (36%)
- Yellow (49%)
- Black (7%)



- Cyan (7%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC9879 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 EC9879 by changing the saturation by 10% instead.

 EC9879

 EC9879

FFFFFF

 CE7E60

 FFCFAE

 B16448

 FFEBC9

 944C31

 FFFFEE

 78341B

 5D1C03

 410400

 2A0001

 000000

 EC9879

 EC9879

 EC8761

 ECA991

 EC764A

 ECBA8

 EC6432

 ECCCC0

 EC531B

 ECDDD7

 EC4203

 ECEEEF

 EC4000

 ECFFFF

Harmonies

Analogous

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



F5909A



EC9879



D4A565

Triad

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



EC9879



56BF9A



97AAF4

Complementary

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



EC9879



79CDEC

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.



54B6F4



EC9879



00C0C0

Square

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



EC9879



87BA78



00BDE1



CA9CE0

Rectangle

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



EC9879



BDAD62



00BDE1



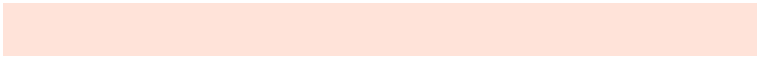
82AEF6

Sweetspot

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



EC9879



FFE3D9



EC79CD



806F69



000000



808080

Same Dimension

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



EC9879



FF936B



ECD179



756D6A



B53100



360E00

Inverse Universe

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



79CDEC



6BD7FF



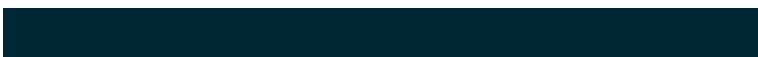
7994EC



6A7275



0084B5



002736

Previews

White Background



This preview shows how the Hex color EC9879 looks on a white background.

Color Contrast Check

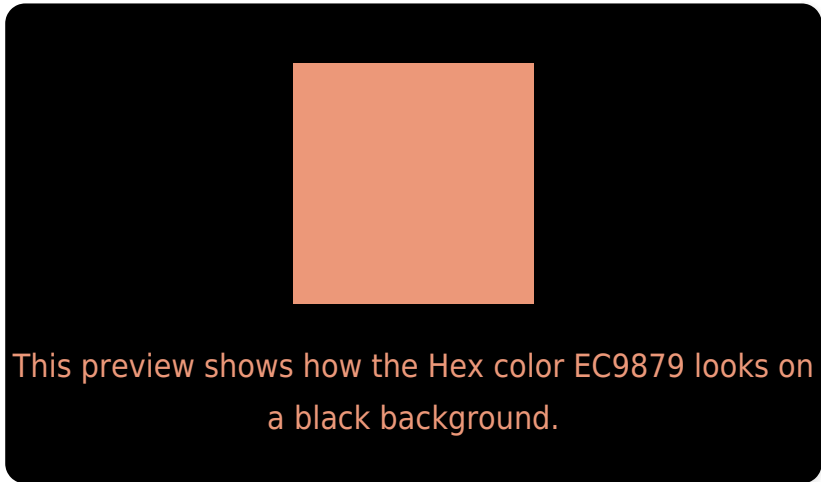
Large Text (above 18pt) WCAG AA × Fail

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 EC9879 Background



This preview shows how black text looks on a background with the Hex color EC9879.

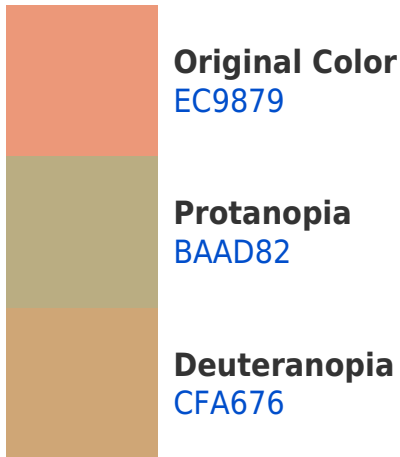


This preview shows how white text looks on a background with the Hex color EC9879.

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
EF939E

Trichromacy



Original Color
EC9879

Protanomaly
CCA57F

Deuteranomaly
DAA177

Tritanomaly
EE9591

Monochromacy



Original Color
EC9879

Achromatopsia
AEAEAE

Achromatomaly
C5A69B

CSS Examples

Text

The CSS property to change the color of the text to Hex EC9879 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 #EC9879 looks like.

```
.text, #text, p{  
    color:#EC9879  
}
```

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 #EC9879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC9879  
}
```

Border

The CSS property to change the border of an element to Hex EC9879 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  
#EC9879 }
```

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

```
.border{ border-color:#EC9879 }
```

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

Here you see how a box with a 4 pixel #EC9879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC9879; -webkit-box-shadow:4px 4px  
4px 4px #EC9879; box-shadow:4px 4px 4px  
4px #EC9879 }
```

Background

The CSS property to change the background color of an element to Hex EC9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC9879 }
```

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

```
.background{ background-color:#EC9879 }
```

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