

Converting Colors

Hex(EC987A)

Have a look what the booklet for
Hex(EC987A) contains.

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Color

Hex(EC987A)

Conversions

Conversions Part 1	
Format	Color
Hex	EC987A
RGB	236, 152, 122
RGB Percent	93%, 60%, 48%
CMY	0.0745, 0.4039, 0.5216
CMYK	0.00, 0.36, 0.48, 0.07
HSL	16°, 75%, 70%
HSV	16°, 48%, 93%
XYZ	49.3332, 41.6945, 23.8601
YIQ	173.6960, 59.6940, 8.4780

Conversions

Conversions Part 2

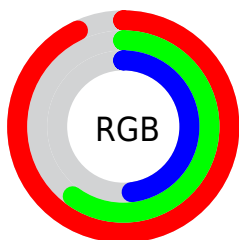
Format	Color
RYB	236, 163, 122
Decimal	15505530
CIELab	70.66, 28.29, 28.84
CIELCh	71, 40.397, 45.546
Yxy	41.6945, 0.4294, 0.3629
Android (android.graphics.Color)	4293695610 (0xFFEC987A)
YUV	173.6960, -25.4861, 54.6406
Hunter-Lab	64.5713, 23.3763, 23.2913

Details

The Hex color **EC987A** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **7ACEEC**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCF9F**, and **B16449** is the 20% darker color. If you saturate the color by 10%, you get **EC8762**, and if you desaturate by 10%, it is **ECA992**.

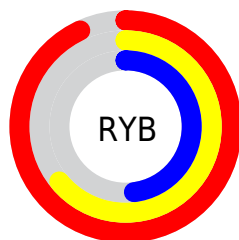
Distribution



Red (93%)

Green (60%)

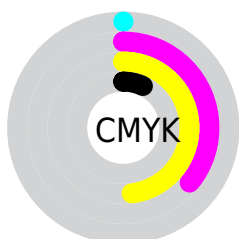
Blue (48%)



Red (93%)

Yellow (64%)

Blue (48%)

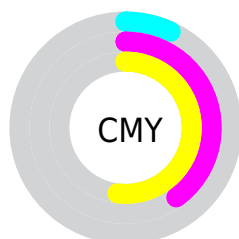


Cyan (0%)

Magenta (36%)

Yellow (48%)

Black (7%)



Cyan (7%)

Magenta (40%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC987A 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 EC987A by changing the saturation by 10% instead.

 EC987A

FFFFFF

 FFCFAF

 FFEBCA

 FFFFE6

 EC987A

 CE7E61

 B16449

 944C32

 78341C

 5D1C04

 420400

 2A0001

 000000

 EC987A

 EC987A

 EC8762

 ECA992

 EC754B

 ECBBA9

 EC6433

 ECCCC1

 EC521C

 ECDED8

 EC4104

 ECEFF0

 EC3E00

 ECEFFF

Harmonies

Analogous

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



F4909B



EC987A



D4A566

Triad

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



EC987A



58BF99



96AAF3

Complementary

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



EC987A



7ACEEC

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.



53B6F3



EC987A



0AC0BF

Square

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



EC987A



88BA78



00BDE0



C99CE1

Rectangle

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



EC987A



BEAD63



00BDE0



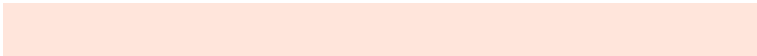
81AEF6

Sweetspot

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



EC987A



FFE5DB



EC7ACF



80706A



000000



808080

Same Dimension

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



EC987A



FF926B



ECCF7A



756D6A



B53000



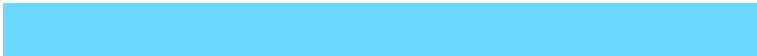
360E00

Inverse Universe

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



7ACEEC



6BD8FF



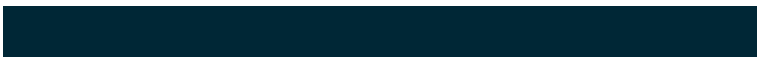
7A96EC



6A7275



0085B5



002736

Previews

White Background



This preview shows how the Hex color EC987A looks on a white background.

Color Contrast Check

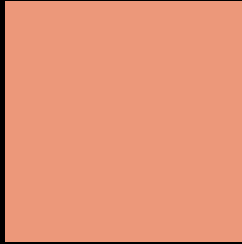
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color EC987A looks on a 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 EC987A Background



This preview shows how black text looks on a background with the Hex color EC987A.



This preview shows how white text looks on a background with the Hex color EC987A.

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



Original Color
EC987A

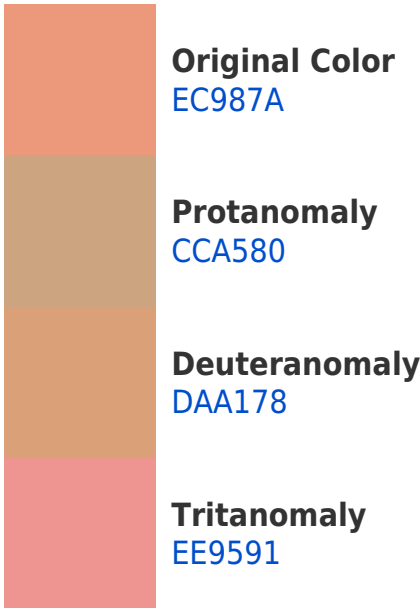
Protanopia
B9AD83

Deuteranopia
CFA677

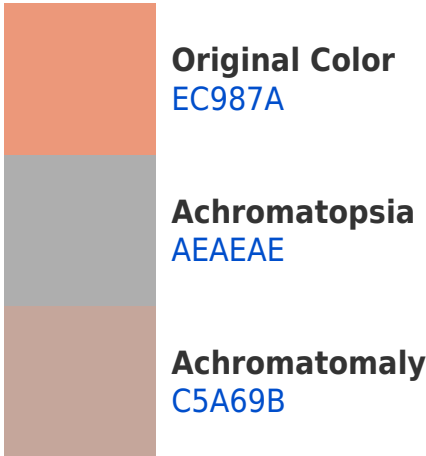


Tritanopia
EF939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC987A 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 #EC987A looks like.

```
.text, #text, p{  
    color:#EC987A  
}
```

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 #EC987A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC987A
}
```

Border

The CSS property to change the border of an element to Hex EC987A 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
#EC987A }
```

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

```
.border{ border-color:#EC987A }
```

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

Here you see how a box with a 4 pixel #EC987A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC987A; -webkit-box-shadow:4px 4px  
4px 4px #EC987A; box-shadow:4px 4px 4px  
4px #EC987A }
```

Background

The CSS property to change the background color of an element to Hex EC987A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC987A }
```

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

```
.background{ background-color:#EC987A }
```

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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