

# Converting Colors

Hex(ECA288)

Have a look what the booklet for  
Hex(ECA288) contains.

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# **Color**

**Hex(ECA288)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECA288
RGB	236, 162, 136
RGB Percent	93%, 64%, 53%
CMY	0.0745, 0.3647, 0.4667
CMYK	0.00, 0.31, 0.42, 0.07
HSL	16°, 72%, 73%
HSV	16°, 42%, 93%
XYZ	51.9563, 45.4511, 29.3271
YIQ	181.1620, 52.4500, 7.6020

# Conversions

## Conversions Part 2

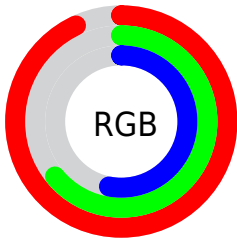
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 171, 136
Decimal	15508104
CIE Lab	73.19, 24.39, 24.61
CIE LCh	73, 34.652, 45.254
Yxy	45.4511, 0.4100, 0.3586
Android (android.graphics.Color)	4293698184 (0xFFECA288)
YUV	181.1620, -22.2649, 48.0929
Hunter-Lab	67.4174, 19.5834, 21.4006

# Details

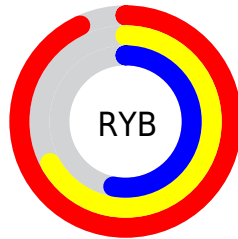
The Hex color **ECA288** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88D2EC**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFD9BD**, and **B26E56** is the 20% darker color. If you saturate the color by 10%, you get **EC9170**, and if you desaturate by 10%, it is **ECB3A0**.

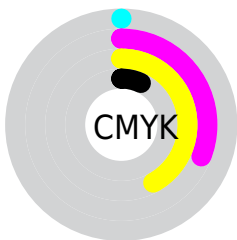
# Distribution



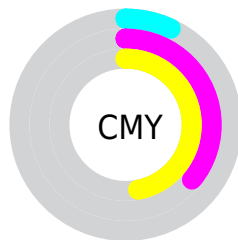
- Red (93%)
- Green (64%)
- Blue (53%)



- Red (93%)
- Yellow (67%)
- Blue (53%)



- Cyan (0%)
- Magenta (31%)
- Yellow (42%)
- Black (7%)



- Cyan (7%)
- Magenta (36%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECA288 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 ECA288 by changing the saturation by 10% instead.



 ECA288

 ECA288

FFFFFF

 CF886F

 FFD9BD

 B26E56

 FFF6D9

 95553F

 FFFFF6

 7A3D28

 5F2613

 450F00

 2C0000

 000000

 ECA288

 ECA288

 EC9170

 ECB3A0

 EC7F59

 ECC5B7

 EC6E41

 ECD6CF

 EC5C2A

 ECE8E6

 EC4B12

 ECF9FE

 EC3D00

 ECFFFF

# Harmonies

## Analogous

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



F39CA4



ECA288



D7AC77

# Triad

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



ECA288



6FC4A2



A1B1F1

# Complementary

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



ECA288



88D2EC

# 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.



70BBF0



ECA288



4DC5C3

# Square

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



ECA288



95BF86



49C2E0



CCA6E1

# Rectangle

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



ECA288



C4B474



49C2E0



91B5F3

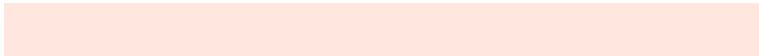


# Sweetspot

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



ECA288



FFE6DE



EC88D3



80706B



000000



808080



# Same Dimension

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



ECA288



FF9F7D



ECD388



756D6A



B52F00



360E00

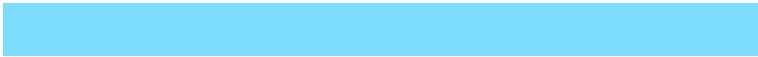


# Inverse Universe

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



88D2EC



7DDDFE



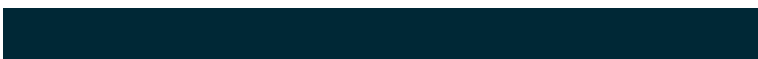
88A1EC



6A7275



0086B5



002836



# Previews

## White Background



This preview shows how the Hex color ECA288 looks on a white background.

## Color Contrast Check

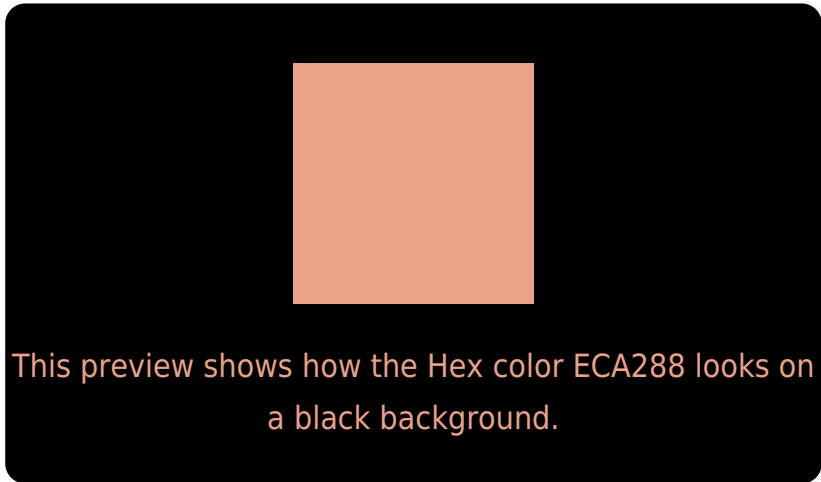
Large Text (above 18pt) WCAG AA × Fail

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

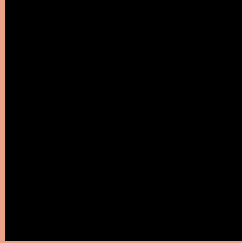
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ECA288 Background



This preview shows how black text looks on a background with the Hex color ECA288.

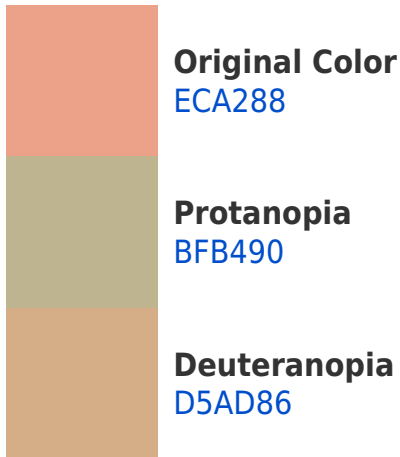


This preview shows how white text looks on a background with the Hex color ECA288.

# 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**  
EF9DA9

# Trichromacy



**Original Color**  
ECA288

**Protanomaly**  
CFAD8D

**Deuteranomaly**  
DDA987

**Tritanomaly**  
EE9F9D

# Monochromacy



**Original Color**  
ECA288

**Achromatopsia**  
B5B5B5

**Achromatomaly**  
C9AEA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECA288 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 #ECA288 looks like.

```
.text, #text, p{  
    color:#ECA288  
}
```

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 #ECA288 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECA288  
}
```

## Border

The CSS property to change the border of an element to Hex ECA288 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  
#ECA288 }
```

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

```
.border{ border-color:#ECA288 }
```

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

Here you see how a box with a 4 pixel #ECA288 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECA288; -webkit-box-shadow:4px 4px  
4px 4px #ECA288; box-shadow:4px 4px 4px  
4px #ECA288 }
```

# Background

The CSS property to change the background color of an element to Hex ECA288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECA288 }
```

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

```
.background{ background-color:#ECA288 }
```

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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