

# Converting Colors

Hex(EEC783)

Have a look what the booklet for  
Hex(EEC783) contains.

<b>Hex(EEC783)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(EEC783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEC783
RGB	238, 199, 131
RGB Percent	93%, 78%, 51%
CMY	0.0667, 0.2196, 0.4863
CMYK	0.00, 0.16, 0.45, 0.07
HSL	38°, 76%, 72%
HSV	38°, 45%, 93%
XYZ	59.7801, 60.6627, 30.0310
YIQ	202.9090, 45.0720, -12.8800

# Conversions

## Conversions Part 2

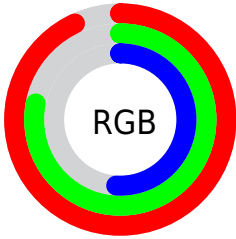
Format	Color
<a href="#">RYB</a>	<a href="#">192, 238, 131</a>
Decimal	<a href="#">15648643</a>
CIELab	<a href="#">82.20, 5.13, 39.12</a>
CIElCh	<a href="#">82, 39.453, 82.529</a>
Yxy	<a href="#">60.6627, 0.3973, 0.4031</a>
Android (android.graphics.Color)	<a href="#">4293838723 (0xFFEEC783)</a>
YUV	<a href="#">202.9090, -35.4511, 30.7748</a>
Hunter-Lab	<a href="#">77.8863, 0.7032, 31.6596</a>

# Details

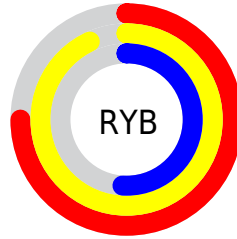
The Hex color **EEC783** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83AAEE**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFFB9**, and **B49150** is the 20% darker color. If you saturate the color by 10%, you get **EEBE6B**, and if you desaturate by 10%, it is **EED09B**.

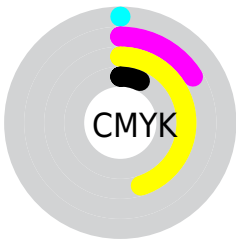
# Distribution



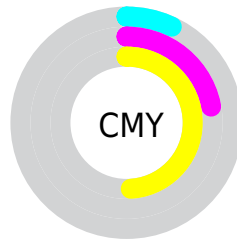
- Red (93%)
- Green (78%)
- Blue (51%)



- Red (75%)
- Yellow (93%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (45%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEC783 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 EEC783 by changing the saturation by 10% instead.



 EEC783

 EEC783

FFFFFF

 D1AC69

 FFFFB9

 B49150

 FFFFD5

 987838

 FFFFF1

 7D5F20

 624806

 483100

 2F1D00

 160400

 000000

 EEC783

 EEC783

 EEBE6B

 EED09B

 EEB653

 EED8B3

 EEAD3C

 EEE1CA

 EEA424

 EEEAE2

 EE9C0C

 EEF2FA

 EE9700

 EEFBFF

 EEEFFF

# Harmonies

## Analogous

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



FFBA93



EEC783



C9D387

# Triad

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



EEC783



4AE0E8



F2B9FA

# Complementary

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



EEC783



83AAEE

# 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.



C4C6FF



EEC783



54DCFF

# Square

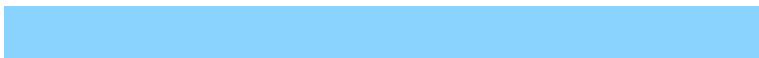
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EEC783



71E0C2



8AD3FF



FFB1D7

# Rectangle

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



EEC783



ADD995



8AD3FF



E5BDFF

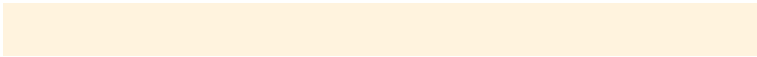


# Sweetspot

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



EEC783



FFF3DE



EE83AA



80786B



000000



808080



# Same Dimension

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



EEC783



FFCD75



E0EE83



78736C



B87500



382400



# Inverse Universe

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



83AAEE



75A7FF



9183EE



6C7078



0043B8



001438



# Previews

## White Background



This preview shows how the Hex color EEC783 looks on a white background.

## Color Contrast Check

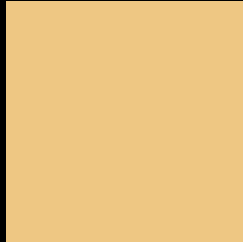
Large Text (above 18pt) WCAG AA × Fail

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 EEC783 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 EEC783 Background



This preview shows how black text looks on a background with the Hex color EEC783.

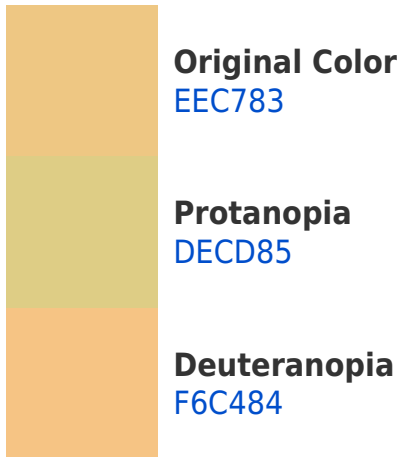


This preview shows how white text looks on a background with the Hex color EEC783.

# 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](#).

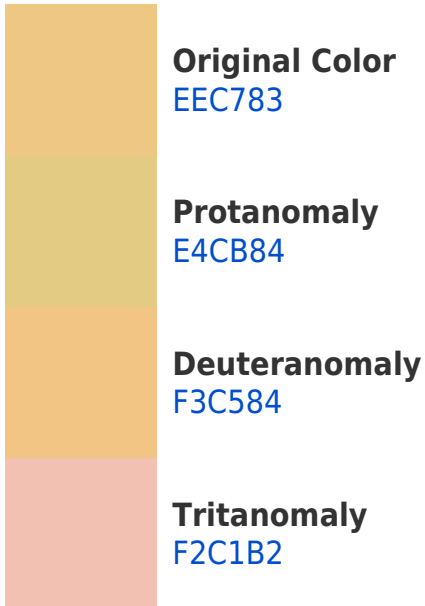
## Dichromacy



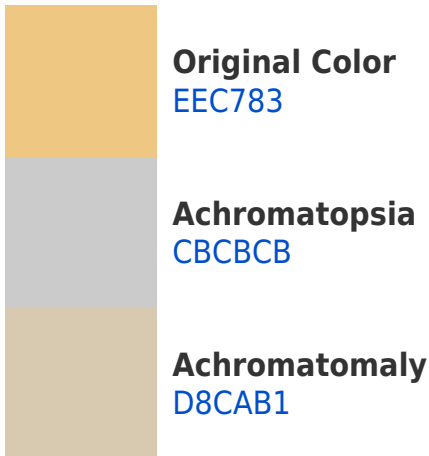


**Tritanopia**  
F5BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEC783 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 #EEC783 looks like.

```
.text, #text, p{  
    color:#EEC783  
}
```

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 #EEC783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEC783
}
```

## Border

The CSS property to change the border of an element to Hex EEC783 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
#EEC783 }
```

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

```
.border{ border-color:#EEC783 }
```

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

Here you see how a box with a 4 pixel #EEC783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEC783; -webkit-box-shadow:4px 4px  
4px 4px #EEC783; box-shadow:4px 4px 4px  
4px #EEC783 }
```

# Background

The CSS property to change the background color of an element to Hex EEC783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEC783 }
```

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

```
.background{ background-color:#EEC783 }
```

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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