

# Converting Colors

Hex(E17D83)

Have a look what the booklet for  
Hex(E17D83) contains.

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**Color**

**Hex(E17D83)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E17D83
RGB	225, 125, 131
RGB Percent	88%, 49%, 51%
CMY	0.1176, 0.5098, 0.4863
CMYK	0.00, 0.44, 0.42, 0.12
HSL	356°, 62%, 69%
HSV	356°, 44%, 88%
XYZ	42.4817, 32.3135, 25.4708
YIQ	155.5840, 57.6740, 23.0660

# Conversions

## Conversions Part 2

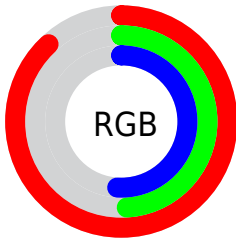
Format	Color
R <sub>Y</sub> B	225, 125, 131
Decimal	14777731
CIE Lab	63.60, 39.18, 14.01
CIE LCh	64, 41.610, 19.677
Yxy	32.3135, 0.4237, 0.3223
Android (android.graphics.Color)	4292967811 (0xFFE17D83)
YUV	155.5840, -12.1199, 60.8778
Hunter-Lab	56.8449, 33.9190, 13.2251

# Details

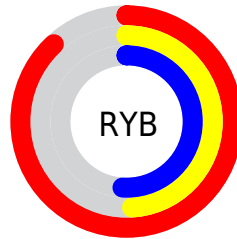
The Hex color **E17D83** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7DE1DB**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB3B8**, and **A64952** is the 20% darker color. If you saturate the color by 10%, you get **E1666E**, and if you desaturate by 10%, it is **E19398**.

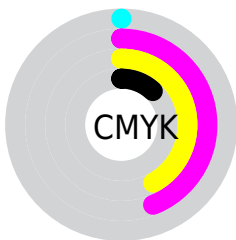
# Distribution



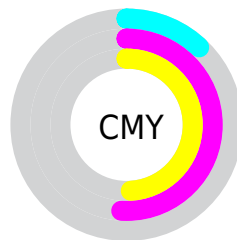
- Red (88%)
- Green (49%)
- Blue (51%)



- Red (88%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (44%)
- Yellow (42%)
- Black (12%)



- Cyan (12%)
- Magenta (51%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the Hex color E17D83 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 E17D83 by changing the saturation by 10% instead.



 E17D83

 E17D83

FFFFFF

 C3636A

 FF33B8

 A64952

 FFCFD4

 8A303B

 FFECF0

 6E1525

 530011

 390000

 180001

 000000

 E17D83

 E17D83

 E1666E

 E19398

 E15059

 E1AAAD

 E13944

 E1C1C2

 E1232E

 E1D7D8

 E10C19

 E1EEED

 E1000E

 E1FFFF

# Harmonies

## Analogous

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



D97DA8



E17D83



D68663

# Triad

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



E17D83



6EA869



40A2E2

# Complementary

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



E17D83



7DE1DB

# 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.



00AAD2



E17D83



34AD8C

# Square

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



E17D83



999F52



00ADB2



8A95E0

# Rectangle

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



E17D83



C68F55



00ADB2



13A5DF

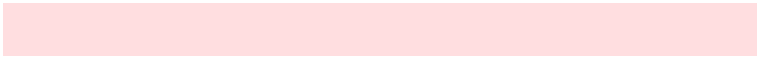


# Sweetspot

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



E17D83



FFDEE0



DA7DE1



806B6C



000000



808080



# Same Dimension

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



E17D83



FF7880



E1A87D



706566



B0000B



300003



# Inverse Universe

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



E17D83



FF7880



7DB6E1



706566



B0000B



300003



# Previews

## White Background



This preview shows how the Hex color E17D83 looks on a white background.

## Color Contrast Check

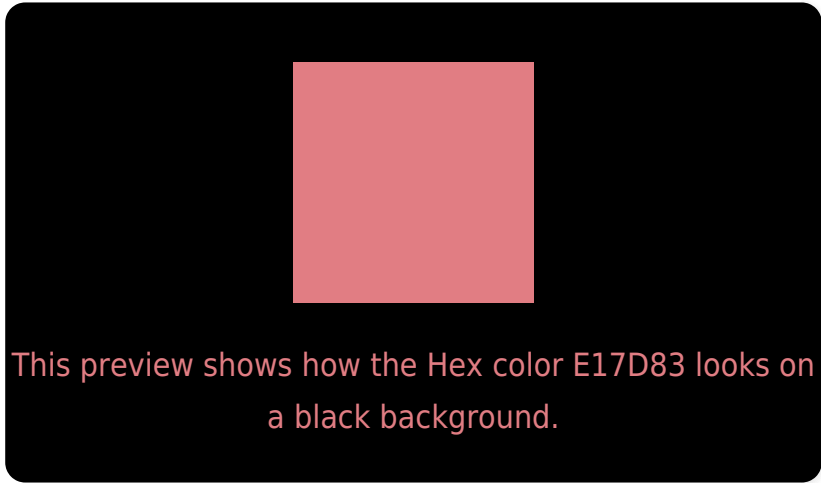
Large Text (above 18pt) WCAG AA × Fail

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 E17D83 Background



This preview shows how black text looks on a background with the Hex color E17D83.

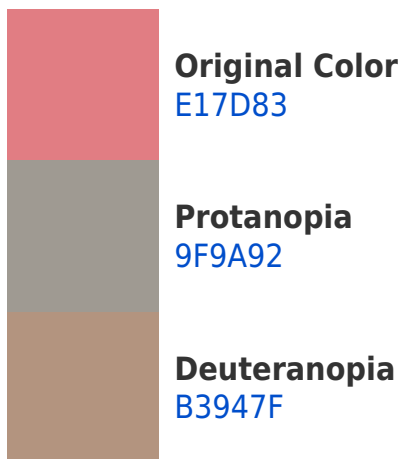



This preview shows how white text looks on a background with the Hex color E17D83.

# 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](#).

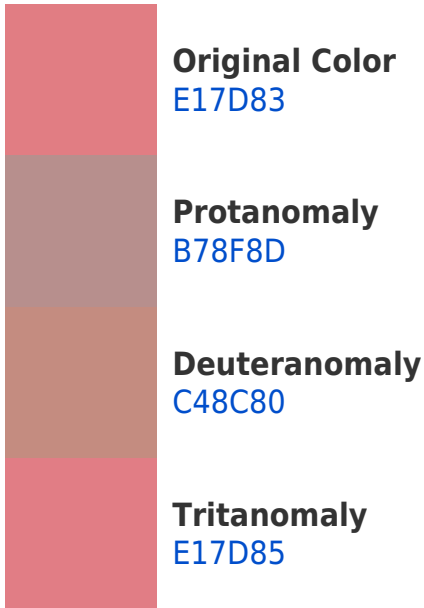
## Dichromacy



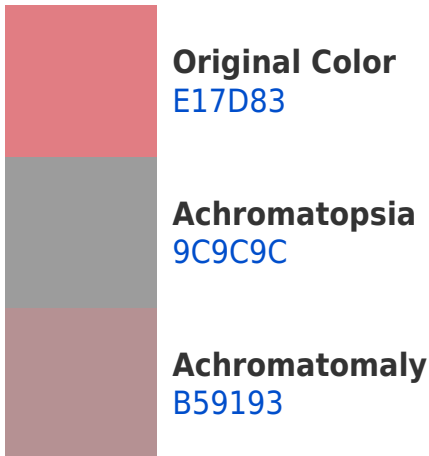


**Tritanopia**  
E17D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E17D83 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 #E17D83 looks like.

```
.text, #text, p{  
    color:#E17D83  
}
```

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 #E17D83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E17D83  
}
```

## Border

The CSS property to change the border of an element to Hex E17D83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

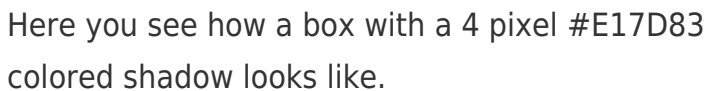
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#E17D83 }
```

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

```
.border{ border-color:#E17D83 }
```

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



Here you see how a box with a 4 pixel #E17D83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E17D83; -webkit-box-shadow:4px 4px  
4px 4px #E17D83; box-shadow:4px 4px 4px  
4px #E17D83 }
```

# Background

The CSS property to change the background color of an element to Hex E17D83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E17D83 }
```

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

```
.background{ background-color:#E17D83 }
```

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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