

# Converting Colors

Hex(E1817B)

Have a look what the booklet for  
Hex(E1817B) contains.

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# **Color**

**Hex(E1817B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E1817B
RGB	225, 129, 123
RGB Percent	88%, 51%, 48%
CMY	0.1176, 0.4941, 0.5176
CMYK	0.00, 0.43, 0.45, 0.12
HSL	4°, 63%, 68%
HSV	4°, 45%, 88%
XYZ	42.4767, 33.1381, 22.8964
YIQ	157.0200, 59.1420, 18.4860

# Conversions

## Conversions Part 2

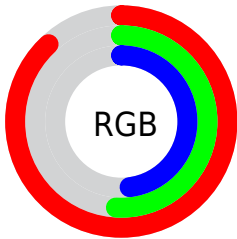
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 129, 123
Decimal	14778747
CIE <sub>Lab</sub>	64.27, 36.27, 19.47
CIE <sub>LCh</sub>	64, 41.166, 28.225
Yxy	33.1381, 0.4312, 0.3364
Android (android.graphics.Color)	4292968827 (0xFFE1817B)
YUV	157.0200, -16.7719, 59.6185
Hunter-Lab	57.5657, 30.9720, 16.7138

# Details

The Hex color **E1817B** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7BDBE1**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB7AF**, and **A64E4A** is the 20% darker color. If you saturate the color by 10%, you get **E16C65**, and if you desaturate by 10%, it is **E19692**.

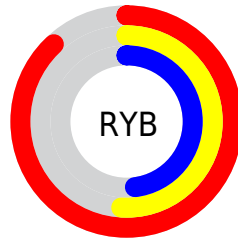
# Distribution



Red (88%)

Green (51%)

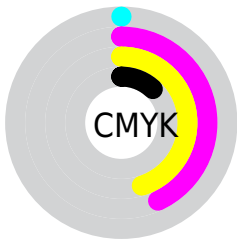
Blue (48%)



Red (88%)

Yellow (51%)

Blue (48%)

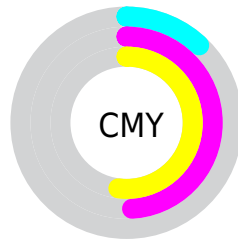


Cyan (0%)

Magenta (43%)

Yellow (45%)

Black (12%)



Cyan (12%)

Magenta (49%)


Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1817B 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 E1817B by changing the saturation by 10% instead.



 E1817B

 E1817B

FFFFFF

 C36762

 FFB7AF

 A64E4A

 FFD3CB

 8A3534

 FFF0E7


 6E1B1E

 520007

 380000

 180001


 000000

 E1817B

 E1817B

 E16C65

 E19692

 E1574E

 E1ABA8

 E14138

 E1C1BF

 E12C21

 E1D6D5

 E1170B

 E1EBEB

 E10D00

 E1FFFF

# Harmonies

## Analogous

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



DF7E9F



E1817B



D18C5E

# Triad

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



E1817B



63AB74



5CA0E5

# Complementary

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



E1817B



7BDBE1

# 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.



00AAD9



E1817B



1FAF98

# Square

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



E1817B



8FA459



00AEBD



9C93DD

# Rectangle

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



E1817B



BF9553



00AEBD



40A4E3



# Sweetspot

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



E1817B



FFDDDB



E17BDC



806B6A



000000



808080



# Same Dimension

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



E1817B



FF7D75



E1B37B



706665



B00A00



300300



# Inverse Universe

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



7BDBE1



75F7FF



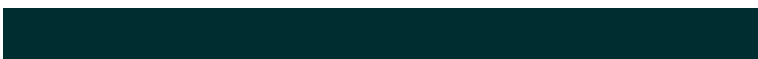
7BA9E1



657070



00A6B0



002E30



# Previews

## White Background



This preview shows how the Hex color E1817B looks on a white background.

## Color Contrast Check

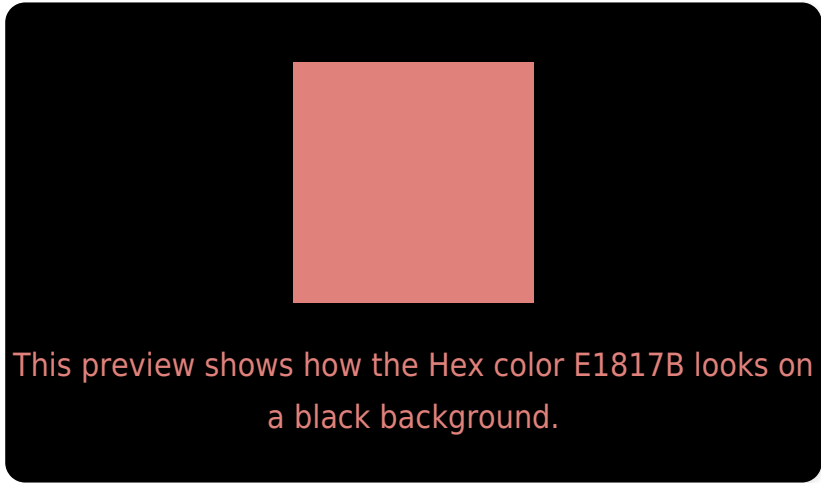
Large Text (above 18pt) WCAG AA × Fail

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 E1817B Background



This preview shows how black text looks on a background with the Hex color E1817B.

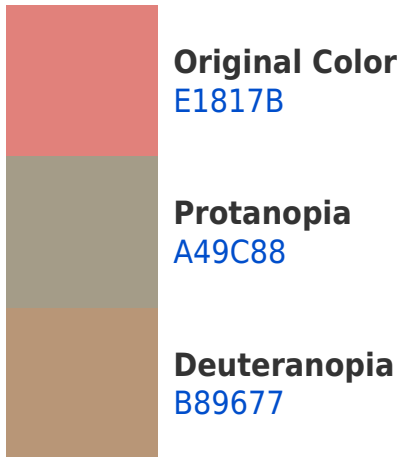


This preview shows how white text looks on a background with the Hex color E1817B.

# 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](#).

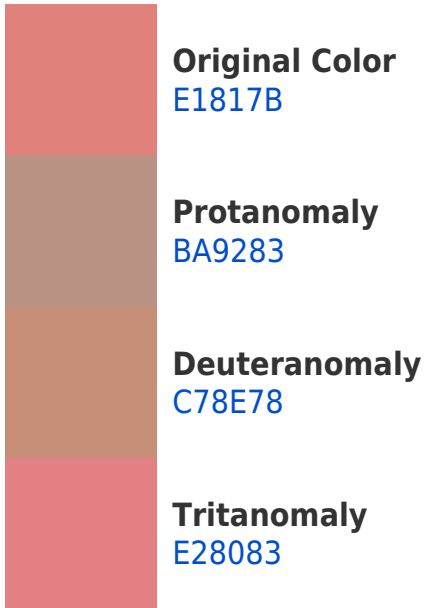
## Dichromacy



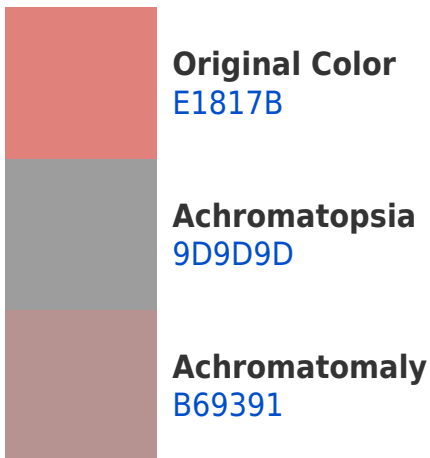


**Tritanopia**  
E27F88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1817B 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 #E1817B looks like.

```
.text, #text, p{  
    color:#E1817B  
}
```

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 #E1817B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1817B
}
```

## Border

The CSS property to change the border of an element to Hex E1817B 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
#E1817B }
```

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

```
.border{ border-color:#E1817B }
```

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

Here you see how a box with a 4 pixel #E1817B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1817B; -webkit-box-shadow:4px 4px  
4px 4px #E1817B; box-shadow:4px 4px 4px  
4px #E1817B }
```

# Background

The CSS property to change the background color of an element to Hex E1817B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1817B }
```

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

```
.background{ background-color:#E1817B }
```

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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