

# Converting Colors

Hex(E77979)

Have a look what the booklet for  
Hex(E77979) contains.

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# **Color**

**Hex(E77979)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E77979
RGB	231, 121, 121
RGB Percent	91%, 47%, 47%
CMY	0.0941, 0.5255, 0.5255
CMYK	0.00, 0.48, 0.48, 0.09
HSL	0°, 70%, 69%
HSV	0°, 48%, 91%
XYZ	43.2436, 32.0441, 21.9951
YIQ	153.8900, 65.5600, 23.3200

# Conversions

## Conversions Part 2

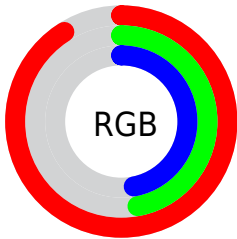
Format	Color
R <sub>Y</sub> B	231, 121, 121
Decimal	15169913
CIE Lab	63.38, 42.41, 19.51
CIE LCh	63, 46.681, 24.705
Yxy	32.0441, 0.4445, 0.3294
Android (android.graphics.Color)	4293359993 (0xFFE77979)
YUV	153.8900, -16.2148, 67.6255
Hunter-Lab	56.6075, 37.2963, 16.5879

# Details

The Hex color **E77979** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **79E7E7**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFAFAD**, and **AB4549** is the 20% darker color. If you saturate the color by 10%, you get **E76262**, and if you desaturate by 10%, it is **E79090**.

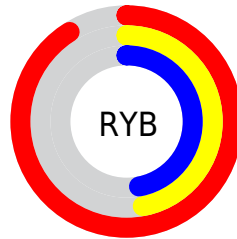
# Distribution



Red (91%)

Green (47%)

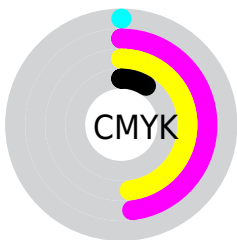
Blue (47%)



Red (91%)

Yellow (47%)

Blue (47%)

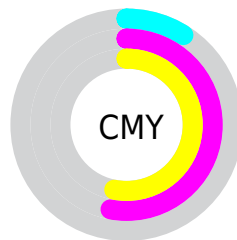


Cyan (0%)

Magenta (48%)

Yellow (48%)

Black (9%)



Cyan (9%)

Magenta (53%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E77979 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 E77979 by changing the saturation by 10% instead.



 E77979

 E77979

FFFFFF

 C95F60

 FFAFAD

 AB4549

 FFCBC9

 8E2B32

 FFE8E5

 720C1D

 560004

 3B0000

 1B0001

 000000

 E77979

 E77979

 E76262

 E79090

 E74B4B

 E7A7A7

 E73434

 E7BEBE

 E71D1D

 E7D5D5

 E70606

 E7ECEC

 E70000

 E7FFFF

# Harmonies

## Analogous

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



E277A3



E77979



D78557

# Triad

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



E77979



5DAA68



38A0EC

# Complementary

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



E77979



79E7E7

# 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.



00AADC



E77979



00AE90

# Square

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



E77979



90A14B



00AE8B



9191E5

# Rectangle

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



E77979



C49048



00AEBB



00A4E9



# Sweetspot

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



E77979



FFDBDB



E779E7



806A6A



000000



808080



# Same Dimension

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



E77979



FF6E6E



E7B079



736767



B30000



330000



# Inverse Universe

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



79E7E7



6EFFFF



79B0E7



677373



00B3B3



003333



# Previews

## White Background



This preview shows how the Hex color E77979 looks on a white background.

## Color Contrast Check

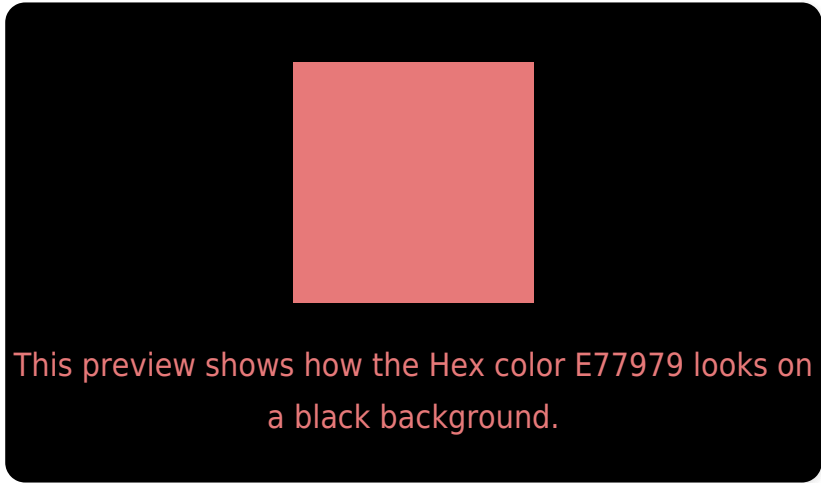
Large Text (above 18pt) WCAG AA × Fail

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 E77979 Background



This preview shows how black text looks on a background with the Hex color E77979.

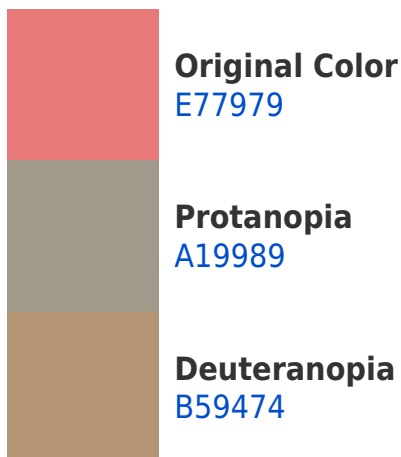


This preview shows how white text looks on a background with the Hex color E77979.

# 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**  
E87880

# Trichromacy



**Original Color**  
E77979

**Protanomaly**  
BA8D83

**Deuteranomaly**  
C78A76

**Tritanomaly**  
E8787D

# Monochromacy



**Original Color**  
E77979

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
B68E8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E77979 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 #E77979 looks like.

```
.text, #text, p{  
    color:#E77979  
}
```

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 #E77979 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E77979
}
```

## Border

The CSS property to change the border of an element to Hex E77979 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
#E77979 }
```

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

```
.border{ border-color:#E77979 }
```

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

Here you see how a box with a 4 pixel #E77979 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E77979; -webkit-box-shadow:4px 4px  
4px 4px #E77979; box-shadow:4px 4px 4px  
4px #E77979 }
```

# Background

The CSS property to change the background color of an element to Hex E77979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E77979 }
```

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

```
.background{ background-color:#E77979 }
```

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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