

Converting Colors

Hex(E6E87D)

Have a look what the booklet for
Hex(E6E87D) contains.

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Color

Hex(E6E87D)

Conversions

Conversions Part 1

Format	Color
Hex	E6E87D
RGB	230, 232, 125
RGB Percent	90%, 91%, 49%
CMY	0.0980, 0.0902, 0.5098
CMYK	0.01, 0.00, 0.46, 0.09
HSL	61°, 70%, 70%
HSV	61°, 46%, 91%
XYZ	65.1914, 76.0169, 30.6388
YIQ	219.2040, 33.1550, -33.7010

Conversions

Conversions Part 2

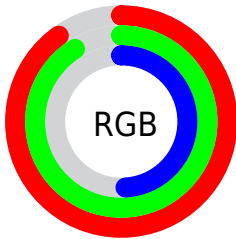
Format	Color
RYB	125, 232, 127
Decimal	15132797
CIELab	89.87, -15.38, 51.47
CIELCh	90, 53.718, 106.633
Yxy	76.0169, 0.3794, 0.4424
Android (android.graphics.Color)	4293322877 (0xFFE6E87D)
YUV	219.2040, -46.4426, 9.4681
Hunter-Lab	87.1877, -19.1115, 40.1961

Details

The Hex color **E6E87D** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7F7DE8**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFB4**, and **ADB149** is the 20% darker color. If you saturate the color by 10%, you get **E6E866**, and if you desaturate by 10%, it is **E6E894**.

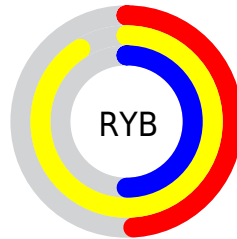
Distribution



Red (90%)

Green (91%)

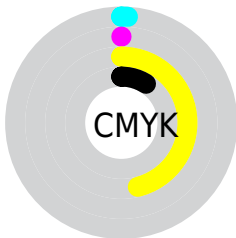
Blue (49%)



Red (49%)

Yellow (91%)

Blue (50%)

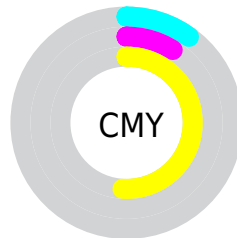


Cyan (1%)

Magenta (0%)

Yellow (46%)

Black (9%)



Cyan (10%)

Magenta (9%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6E87D 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 E6E87D by changing the saturation by 10% instead.

 E6E87D

 E6E87D

FFFFFF

 C9CC63

 FFFFB4

 ADB149

 FFFFD0

 91962E

 FFFFED

 757C10

 5B6300

 424B00

 283500

 0E2000

 000000

 E6E87D

 E6E87D

 E6E866

 E6E894

 E5E84F

 E7E8AB

 E5E837

 E7E8C3

 E4E820

 E8E8DA

 E4E809

 E8E8F1

 E4E800

 E9E8FF

 EAE8FF

Harmonies

Analogous

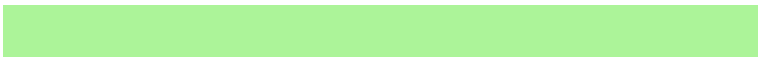
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD77D



E6E87D



ACF499

Triad

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



E6E87D



00F9FF



FFBBFB

Complementary

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



E6E87D



7F7DE8

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.



FFCAFF



E6E87D



5DEEFF

Square

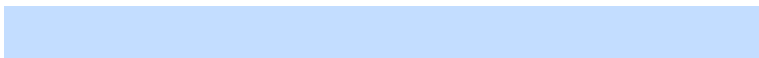
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E6E87D



00DFE



C3DDFF



FFB9C7

Rectangle

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



E6E87D



7EFAB7



C3DDFF



FFBFFF

Sweetspot

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



E6E87D



FEFFDB



E87F7D



7F806A



000000



808080

Same Dimension

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



E6E87D



FCFF73



B1E87D



737367



AFB300



323300

Inverse Universe

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



7F7DE8



7573FF



B47DE8



676773



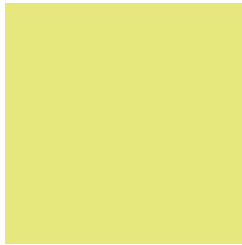
0300B3



010033

Previews

White Background



This preview shows how the Hex color E6E87D looks on a white background.

Color Contrast Check

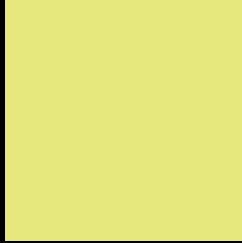
Large Text (above 18pt) WCAG AA × Fail

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 E6E87D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

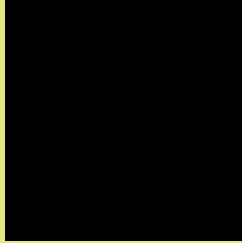
Any Text WCAG AA ✓ Pass

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 E6E87D Background



This preview shows how black text looks on a background with the Hex color E6E87D.

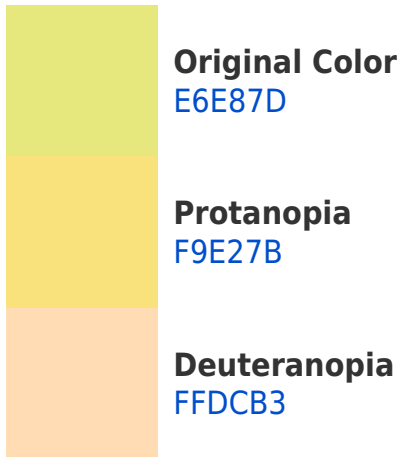



This preview shows how white text looks on a background with the Hex color E6E87D.

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](#).

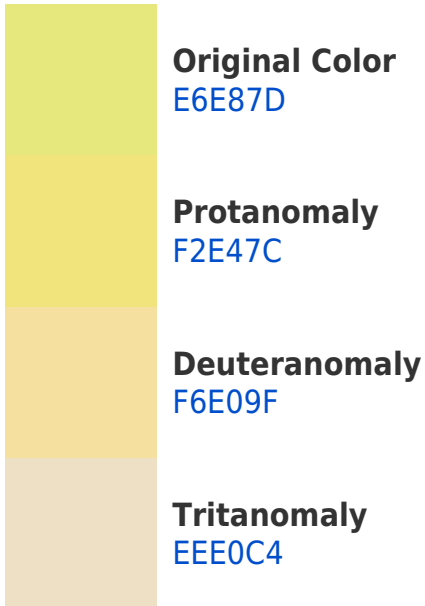
Dichromacy





Tritanopia
F2DBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6E87D 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 #E6E87D looks like.

```
.text, #text, p{  
    color:#E6E87D  
}
```

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 #E6E87D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6E87D  
}
```

Border

The CSS property to change the border of an element to Hex E6E87D 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  
#E6E87D }
```

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

```
.border{ border-color:#E6E87D }
```

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

Here you see how a box with a 4 pixel #E6E87D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6E87D; -webkit-box-shadow:4px 4px  
4px 4px #E6E87D; box-shadow:4px 4px 4px  
4px #E6E87D }
```

Background

The CSS property to change the background color of an element to Hex E6E87D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6E87D }
```

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

```
.background{ background-color:#E6E87D }
```

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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