

Converting Colors

Hex(E68487)

Have a look what the booklet for
Hex(E68487) contains.

Hex(E68487)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E68487)

Conversions

Conversions Part 1

Format	Color
Hex	E68487
RGB	230, 132, 135
RGB Percent	90%, 52%, 53%
CMY	0.0980, 0.4824, 0.4706
CMYK	0.00, 0.43, 0.41, 0.10
HSL	358°, 66%, 71%
HSV	358°, 43%, 90%
XYZ	45.2576, 35.0748, 27.3064
YIQ	161.6440, 57.4450, 21.7090

Conversions

Conversions Part 2

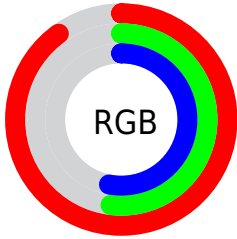
Format	Color
R_{YB}	230, 132, 135
Decimal	15107207
CIE Lab	65.81, 37.82, 14.92
CIE LCh	66, 40.661, 21.530
Yxy	35.0748, 0.4205, 0.3259
Android (android.graphics.Color)	4293297287 (0xFFE68487)
YUV	161.6440, -13.1355, 59.9482
Hunter-Lab	59.2240, 32.7635, 14.1199

Details

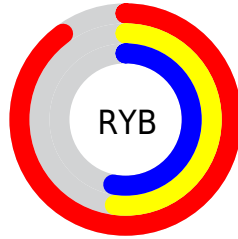
The Hex color **E68487** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84E6E3**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFBABC**, and **AB5055** is the 20% darker color. If you saturate the color by 10%, you get **E66D71**, and if you desaturate by 10%, it is **E69B9D**.

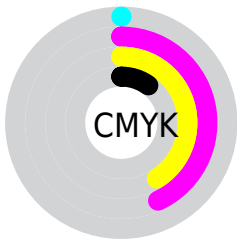
Distribution



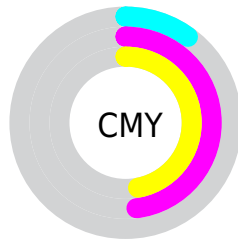
- Red (90%)
- Green (52%)
- Blue (53%)



- Red (90%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (43%)
- Yellow (41%)
- Black (10%)



- Cyan (10%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color E68487 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 E68487 by changing the saturation by 10% instead.

 E68487

 E68487

FFFFFF

 C86A6E

 FFBABC

 AB5055

 FFD7D8

 8F373E

 FFF3F4

 731D29

 570014

 3D0000

 220001

 000000

 E68487

 E68487

 E66D71

 E69B9D

 E6565A

 E6B2B4

 E63F44

 E6C9CA

 E6282E

 E6E0E0

 E61118

 E6F7F6

 E60007

 E6FFFF

Harmonies

Analogous

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



DF84AC



E68487



DA8D68

Triad

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



E68487



72AE71



51A7E7

Complementary

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



E68487



84E6E3

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.



00AFD8



E68487



3CB294

Square

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



E68487



9DA65A



00B3B9



949AE4

Rectangle

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



E68487



CA965B



00B3B9



34AAE4

Sweetspot

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



E68487



FFDEDF



E384E6



806B6C



000000



808080

Same Dimension

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



E68487



FF7D81



E6B284



736768



B30005



330002

Inverse Universe

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



E68487



FF7D81



84B8E6



736768



B30005



330002

Previews

White Background



This preview shows how the Hex color E68487 looks on a white background.

Color Contrast Check

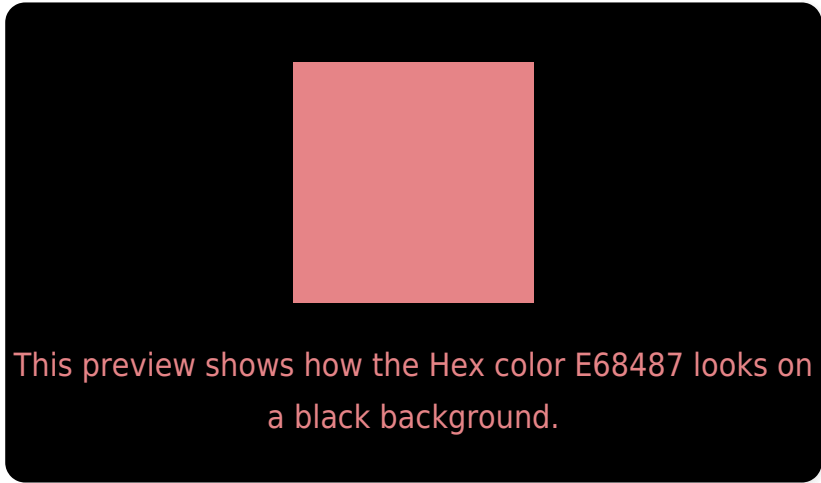
Large Text (above 18pt) WCAG AA × Fail

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

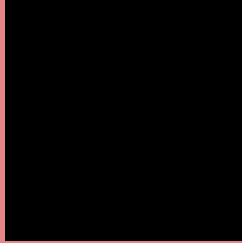
Any Text WCAG AA ✓ Pass

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 E68487 Background



This preview shows how black text looks on a background with the Hex color E68487.

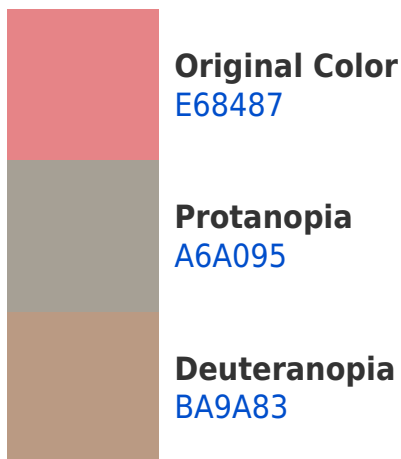


This preview shows how white text looks on a background with the Hex color E68487.

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](#).

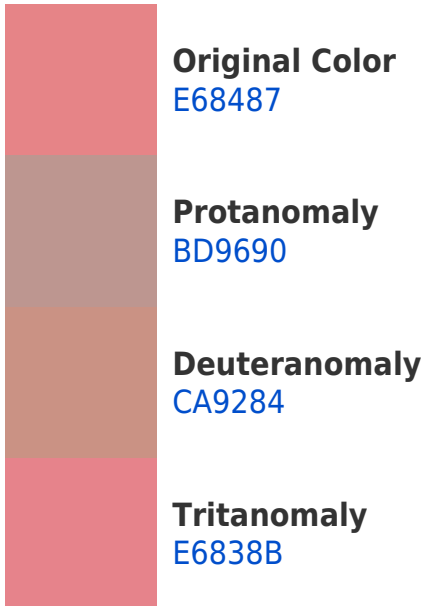
Dichromacy



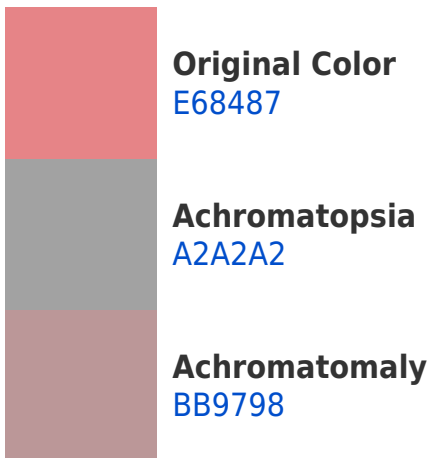


Tritanopia
E6838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E68487 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 #E68487 looks like.

```
.text, #text, p{  
    color:#E68487  
}
```

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 #E68487 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E68487
}
```

Border

The CSS property to change the border of an element to Hex E68487 is called "border". The border property can be set on classes, ids or directly on the HTML element.

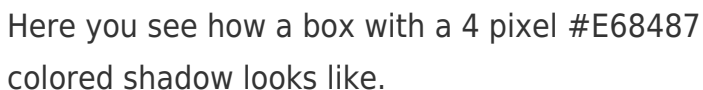
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E68487 }
```

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

```
.border{ border-color:#E68487 }
```

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



Here you see how a box with a 4 pixel #E68487 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E68487; -webkit-box-shadow:4px 4px  
4px 4px #E68487; box-shadow:4px 4px 4px  
4px #E68487 }
```

Background

The CSS property to change the background color of an element to Hex E68487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E68487 }
```

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

```
.background{ background-color:#E68487 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor