

# Converting Colors

Hex(E1BF82)

Have a look what the booklet for  
Hex(E1BF82) contains.

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# **Color**

**Hex(E1BF82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1BF82
RGB	225, 191, 130
RGB Percent	88%, 75%, 51%
CMY	0.1176, 0.2510, 0.4902
CMYK	0.00, 0.15, 0.42, 0.12
HSL	39°, 61%, 70%
HSV	39°, 42%, 88%
XYZ	53.7114, 54.8809, 28.8813
YIQ	194.2120, 39.8450, -11.7630

# Conversions

## Conversions Part 2

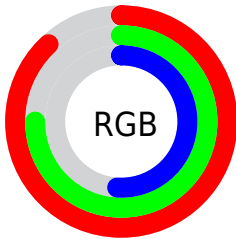
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 225, 130
Decimal	14794626
CIELab	78.97, 4.01, 35.24
CIELCh	79, 35.470, 83.505
Yxy	54.8809, 0.3907, 0.3992
Android (android.graphics.Color)	4292984706 (0xFFE1BF82)
YUV	194.2120, -31.6565, 27.0011
Hunter-Lab	74.0816, -0.2250, 28.7425

# Details

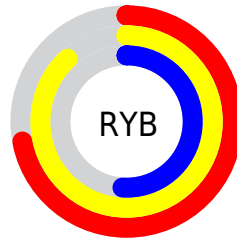
The Hex color **E1BF82** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82A4E1**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFF7B8**, and **A88A50** is the 20% darker color. If you saturate the color by 10%, you get **E1B76B**, and if you desaturate by 10%, it is **E1C799**.

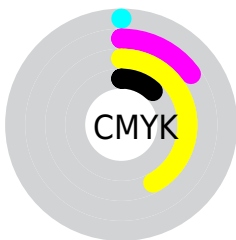
# Distribution



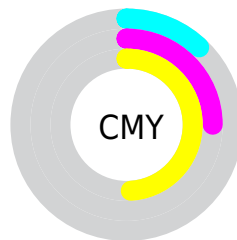
- Red (88%)
- Green (75%)
- Blue (51%)



- Red (72%)
- Yellow (88%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (42%)
- Black (12%)



- Cyan (12%)
- Magenta (25%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1BF82 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 E1BF82 by changing the saturation by 10% instead.



 E1BF82

 E1BF82

FFFFFF

 C4A468

 FFF7B8

 A88A50

 FFFFD3

 8C7038

 FFFFF0

 725820

 574108


 3F2B00

 261700

 000000

 E1BF82

 E1BF82

 E1B76B

 E1C799

 E1AF55

 E1CFAF

 E1A73E

 E1D7C5

 E19F28

 E1DFDC

 E19711

 E1E7F3

 E19000

 E1EFFF

 E1F7FF

 E1FFFF

# Harmonies

## Analogous

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



FAB490



E1BF82



C0CA86

# Triad

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



E1BF82



56D5DD



E7B2EB

# Complementary

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



E1BF82



82A4E1

# 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.



BEBEFF



E1BF82



60D1F8

# Square

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



E1BF82



73D5BB



8CC9FF



FFABCC

# Rectangle

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



E1BF82



A6CF93



8CC9FF



DBB6F4



# Sweetspot

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



E1BF82



FFF3DE



E182A5



80786B



000000



808080



# Same Dimension

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



E1BF82



FFD07D



D4E182



706C65



B07100



301F00



# Inverse Universe

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



82A4E1



7DABFF



8F82E1



656970



003FB0



001130



# Previews

## White Background



This preview shows how the Hex color E1BF82 looks on a white background.

## Color Contrast Check

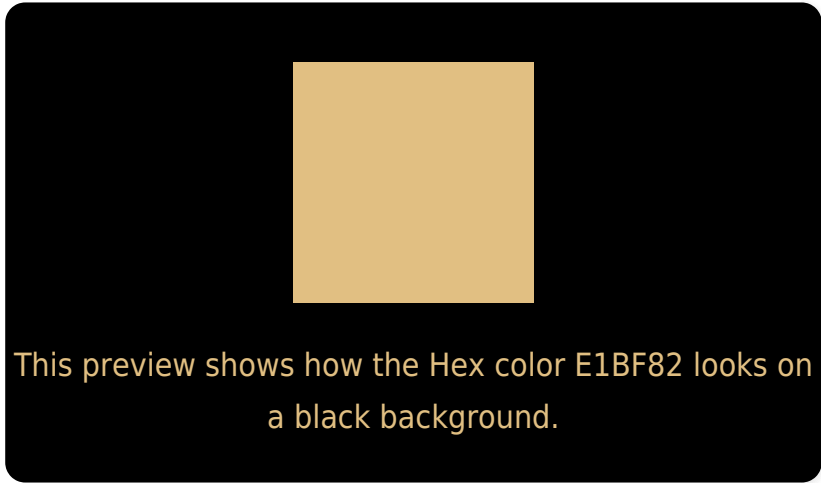
Large Text (above 18pt) WCAG AA × Fail

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 E1BF82 Background



This preview shows how black text looks on a background with the Hex color E1BF82.



This preview shows how white text looks on a background with the Hex color E1BF82.

# 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](#).

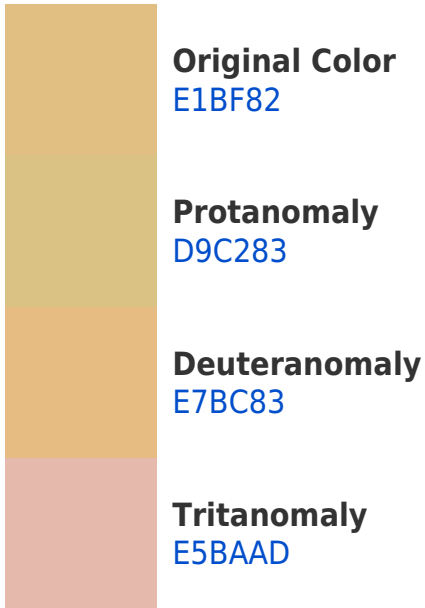
## Dichromacy



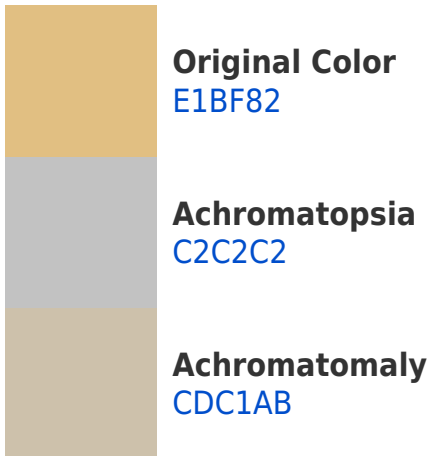


**Tritanopia**  
E8B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1BF82 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 #E1BF82 looks like.

```
.text, #text, p{  
    color:#E1BF82  
}
```

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 #E1BF82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1BF82
}
```

## Border

The CSS property to change the border of an element to Hex E1BF82 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
#E1BF82 }
```

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

```
.border{ border-color:#E1BF82 }
```

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

Here you see how a box with a 4 pixel #E1BF82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1BF82; -webkit-box-shadow:4px 4px  
4px 4px #E1BF82; box-shadow:4px 4px 4px  
4px #E1BF82 }
```

# Background

The CSS property to change the background color of an element to Hex E1BF82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1BF82 }
```

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

```
.background{ background-color:#E1BF82 }
```

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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