

Converting Colors

Hex(EBD367)

Have a look what the booklet for
Hex(EBD367) contains.

Hex(EBD367)	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(EBD367)

Conversions

Conversions Part 1

Format	Color
Hex	EBD367
RGB	235, 211, 103
RGB Percent	92%, 83%, 40%
CMY	0.0784, 0.1725, 0.5961
CMYK	0.00, 0.10, 0.56, 0.08
HSL	49°, 77%, 66%
HSV	49°, 56%, 92%
XYZ	60.0034, 65.2300, 22.2601
YIQ	205.8640, 48.9720, -28.5000

Conversions

Conversions Part 2

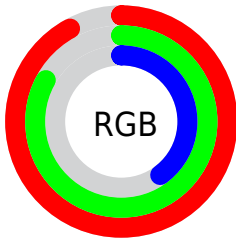
Format	Color
RYB	132, 235, 103
Decimal	15455079
CIELab	84.60, -4.70, 55.63
CIElCh	85, 55.830, 94.833
Yxy	65.2300, 0.4068, 0.4423
Android (android.graphics.Color)	4293645159 (0xFFEBD367)
YUV	205.8640, -50.7120, 25.5523
Hunter-Lab	80.7651, -8.7245, 40.1943

Details

The Hex color **EBD367** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **677FEB**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF9D**, and **B19D32** is the 20% darker color. If you saturate the color by 10%, you get **EBCF4F**, and if you desaturate by 10%, it is **EBD77F**.

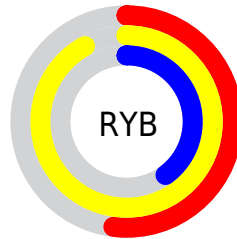
Distribution



Red (92%)

Green (83%)

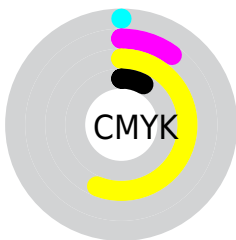
Blue (40%)



Red (52%)

Yellow (92%)

Blue (40%)

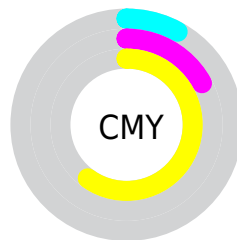


Cyan (0%)

Magenta (10%)

Yellow (56%)

Black (8%)



Cyan (8%)

Magenta (17%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBD367 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 EBD367 by changing the saturation by 10% instead.

 EBD367

 EBD367

FFFFFF

 CDB74D

 FFFF9D

 B19D32

 FFFFB9

 948314

 FFFFD5

 786A00

 FFFFF2

 5D5200

 433B00

 292600

 0D1200

 000000

 EBD367

 EBD367

 EBCF4F

 EBD77F

 EBCA38

 EBDC96

 EBC621

 EBE0AE

 EBC209

 EBE4C5

 EBC000

 EBE8DD

 EBEDF4

 EBF1FF

 EBF5FF

 EBF9FF

Harmonies

Analogous

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



FFC074



EBD367



B4E27A

Triad

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



EBD367



00ECFF



FFAFFF

Complementary

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



EBD367



677FEB

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.



E3C2FF



EBD367



00E5FF

Square

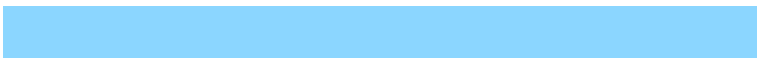
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EBD367



00EEDA



8BD6FF



FFA7CD

Rectangle

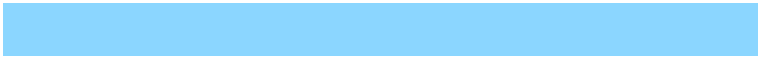
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBD367



88E894



8BD6FF



FFB5FF

Sweetspot

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



EBD367



FFF7D4



EB677F



807B66



000000



808080

Same Dimension

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



EBD367



FFE054



C1EB67



75736A



B59400



362C00

Inverse Universe

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



677FEB



5473FF



9167EB



6A6C75



0021B5



000A36

Previews

White Background



This preview shows how the Hex color EBD367 looks on a white background.

Color Contrast Check

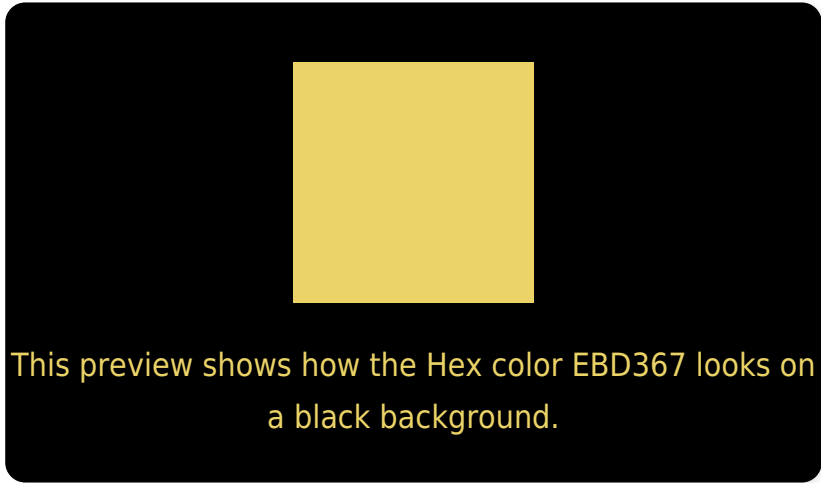
Large Text (above 18pt) WCAG AA × Fail

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 EBD367 Background



This preview shows how black text looks on a background with the Hex color EBD367.

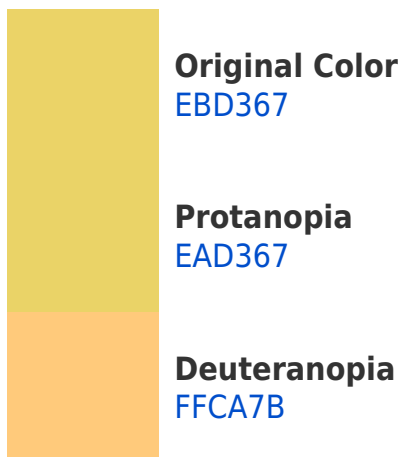


This preview shows how white text looks on a background with the Hex color EBD367.

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](#).

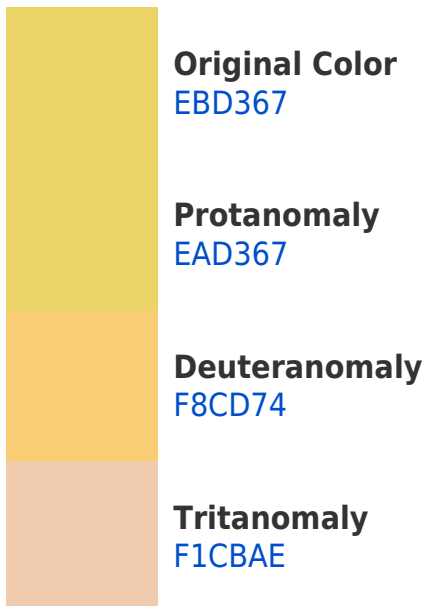
Dichromacy



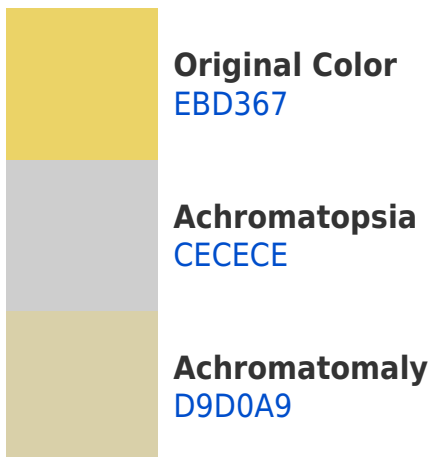


Tritanopia
F5C7D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EBD367 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 #EBD367 looks like.

```
.text, #text, p{  
    color:#EBD367  
}
```

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 #EBD367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBD367
}
```

Border

The CSS property to change the border of an element to Hex EBD367 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
#EBD367 }
```

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

```
.border{ border-color:#EBD367 }
```

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

Here you see how a box with a 4 pixel #EBD367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBD367; -webkit-box-shadow:4px 4px  
4px 4px #EBD367; box-shadow:4px 4px 4px  
4px #EBD367 }
```

Background

The CSS property to change the background color of an element to Hex EBD367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBD367 }
```

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

```
.background{ background-color:#EBD367 }
```

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