

Converting Colors

Hex(EBC871)

Have a look what the booklet for
Hex(EBC871) contains.

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Color

Hex(EBC871)

Conversions

Conversions Part 1

Format	Color
Hex	EBC871
RGB	235, 200, 113
RGB Percent	92%, 78%, 44%
CMY	0.0784, 0.2157, 0.5569
CMYK	0.00, 0.15, 0.52, 0.08
HSL	43°, 75%, 68%
HSV	43°, 52%, 92%
XYZ	57.8959, 60.1630, 24.1840
YIQ	200.5470, 48.7870, -19.6370

Conversions

Conversions Part 2

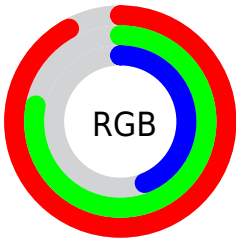
Format	Color
RYB	162, 235, 113
Decimal	15452273
CIELab	81.93, 1.75, 47.72
CIElCh	82, 47.750, 87.904
Yxy	60.1630, 0.4070, 0.4230
Android (android.graphics.Color)	4293642353 (0xFFEBC871)
YUV	200.5470, -43.1607, 30.2153
Hunter-Lab	77.5648, -2.5025, 35.8093

Details

The Hex color **EBC871** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7194EB**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFA6**, and **B1923E** is the 20% darker color. If you saturate the color by 10%, you get **EBC15A**, and if you desaturate by 10%, it is **EBCF89**.

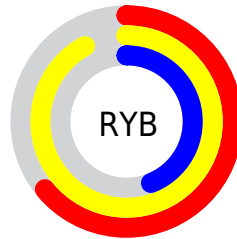
Distribution



Red (92%)

Green (78%)

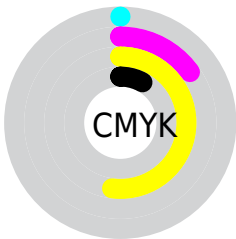
Blue (44%)



Red (64%)

Yellow (92%)

Blue (44%)

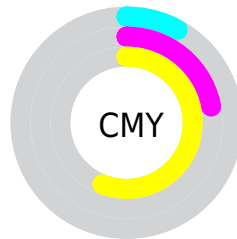


Cyan (0%)

Magenta (15%)

Yellow (52%)

Black (8%)



Cyan (8%)

Magenta (22%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBC871 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 EBC871 by changing the saturation by 10% instead.

 EBC871

 EBC871

FFFFFF

 CEAD57

 FFFFA6

 B1923E

 FFFFC2

 947924

 FFFFDF

 796006

 FFFFFC

 5E4900

 443200

 2A1E00

 0F0500

 000000

 EBC871

 EBC871

 EBC15A

 EBCF89

 EBBB42

 EBD5A0

 EBB42A

 EBDCB8

 EBAD13

 EBE3CF

 EBA800

 EBFAE7

 EBF0FE

 EBF7FF

 EBF EFF

 EBF FFF

Harmonies

Analogous

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



FFB881



EBC871



BDD67B

Triad

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



EBC871



00E2F4



FFB1FC

Complementary

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



EBC871



7194EB

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.



CCC1FF



EBC871



00DDFF

Square

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



EBC871



40E3C7



80D1FF



FFA8D1

Rectangle

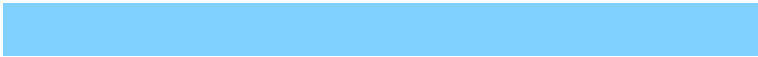
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBC871



9BDC8E



80D1FF



F2B6FF

Sweetspot

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



EBC871



FFF3D6



EB7196



807967



000000



808080

Same Dimension

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



EBC871



FFD261



D3EB71



75726A



B58100



362600

Inverse Universe

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



7194EB



618EFF



8971EB



6A6D75



0034B5



000F36

Previews

White Background



This preview shows how the Hex color EBC871 looks on a white background.

Color Contrast Check

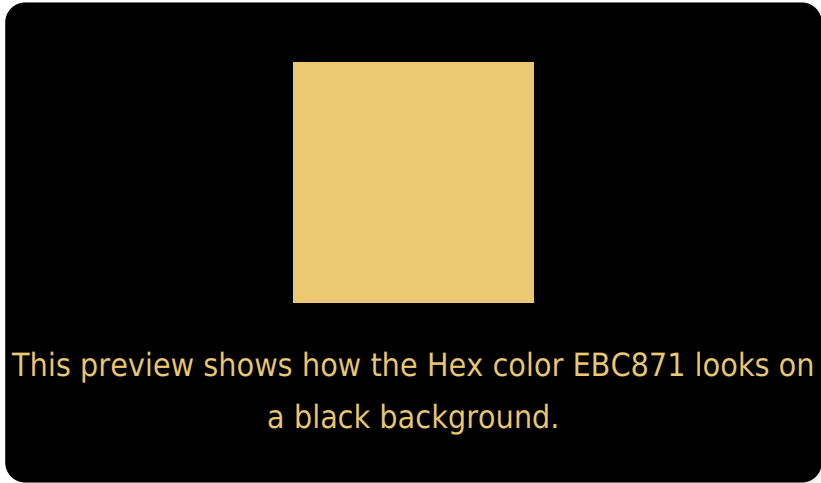
Large Text (above 18pt) WCAG AA × Fail

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 EBC871 Background



This preview shows how black text looks on a background with the Hex color EBC871.

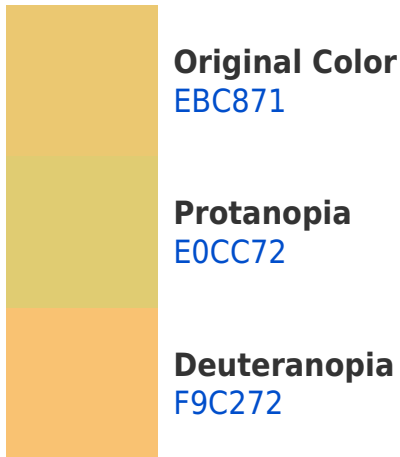


This preview shows how white text looks on a background with the Hex color EBC871.

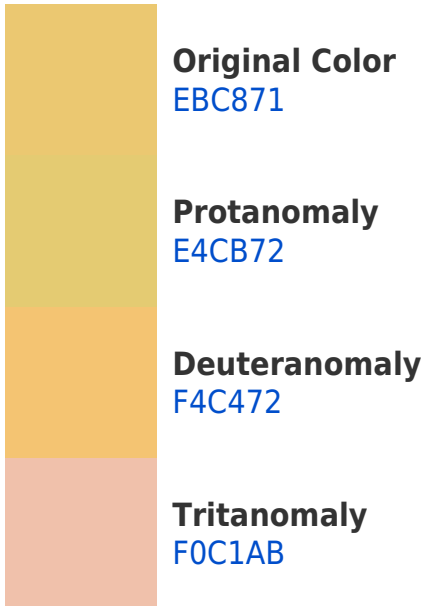
Color Blindness Simulation

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](#).

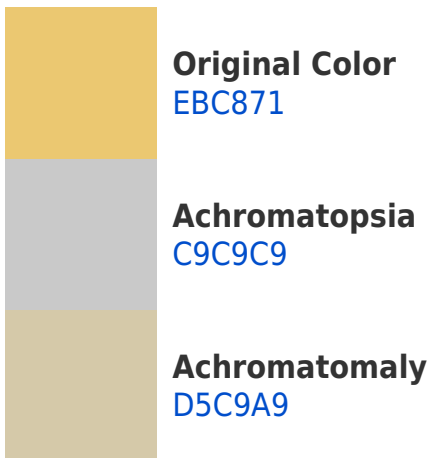
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EBC871 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 #EBC871 looks like.

```
.text, #text, p{  
    color:#EBC871  
}
```

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 #EBC871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBC871
}
```

Border

The CSS property to change the border of an element to Hex EBC871 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
#EBC871 }
```

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

```
.border{ border-color:#EBC871 }
```

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

Here you see how a box with a 4 pixel #EBC871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBC871; -webkit-box-shadow:4px 4px  
4px 4px #EBC871; box-shadow:4px 4px 4px  
4px #EBC871 }
```

Background

The CSS property to change the background color of an element to Hex EBC871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBC871 }
```

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

```
.background{ background-color:#EBC871 }
```

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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