

# Converting Colors

Hex(EBB178)

Have a look what the booklet for  
Hex(EBB178) contains.

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**Color**

**Hex(EBB178)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EBB178
RGB	235, 177, 120
RGB Percent	92%, 69%, 47%
CMY	0.0784, 0.3059, 0.5294
CMYK	0.00, 0.25, 0.49, 0.08
HSL	30°, 74%, 70%
HSV	30°, 49%, 92%
XYZ	53.3733, 50.4625, 24.6965
YIQ	187.8440, 52.8650, -5.4310

# Conversions

## Conversions Part 2

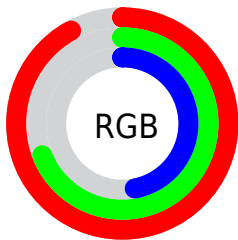
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 233, 120
Decimal	15446392
CIE <sub>Lab</sub>	76.35, 14.44, 37.26
CIE <sub>LCh</sub>	76, 39.957, 68.819
Yxy	50.4625, 0.4153, 0.3926
Android (android.graphics.Color)	4293636472 (0xFFEBB178)
YUV	187.8440, -33.4471, 41.3558
Hunter-Lab	71.0370, 9.8003, 29.1133

# Details

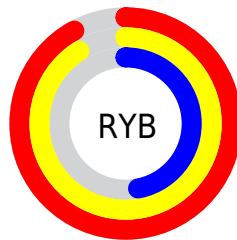
The Hex color **EBB178** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **78B2EB**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFE9AD**, and **B17C46** is the 20% darker color. If you saturate the color by 10%, you get **EBA561**, and if you desaturate by 10%, it is **EBBD8F**.

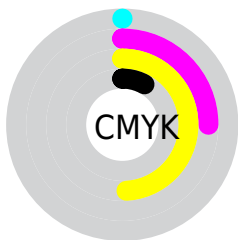
# Distribution



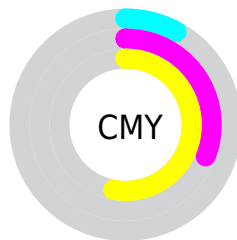
- Red (92%)
- Green (69%)
- Blue (47%)



- Red (92%)
- Yellow (91%)
- Blue (47%)



- Cyan (0%)
- Magenta (25%)
- Yellow (49%)
- Black (8%)



- Cyan (8%)
- Magenta (31%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBB178 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 EBB178 by changing the saturation by 10% instead.



 EBB178

 EBB178

FFFFFF

 CE965F

 FFE9AD

 B17C46

 FFFFC9

 94632E

 FFFF E5

 794B17

 5E3500

 431F00

 2A0A00

 000000

 EBB178

 EBB178

 EBA561

 EBBD8F

 EB9949

 EBC9A7

 EB8D32

 EBD5BF

 EB821A

 EBE0D6

 EB7602

 EBEC EE

 EB7400

 EBF8FF

 EBFFFF

# Harmonies

## Analogous

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



FFA590



EBB178



CABE72

# Triad

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



EBB178



41D0C6



CFAFF6

# Complementary

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



EBB178



78B2EB

# 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.



99BCFF



EBB178



23CEE9

# Square

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



EBB178



74CEA0



59C7FF



F4A3D8

# Rectangle

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



EBB178



B0C57A



59C7FF



BFB3FD

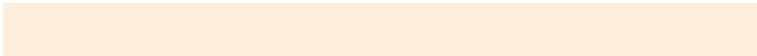


# Sweetspot

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



EBB178



FFECD9



EB78B3



807469



000000



808080



# Same Dimension

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



EBB178



FFB369



EBE978



756F6A



B55A00



361B00

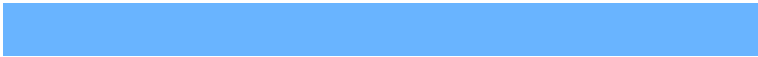


# Inverse Universe

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



78B2EB



69B4FF



787AEB



6A6F75



005BB5



001B36



# Previews

## White Background



This preview shows how the Hex color EBB178 looks on a white background.

## Color Contrast Check

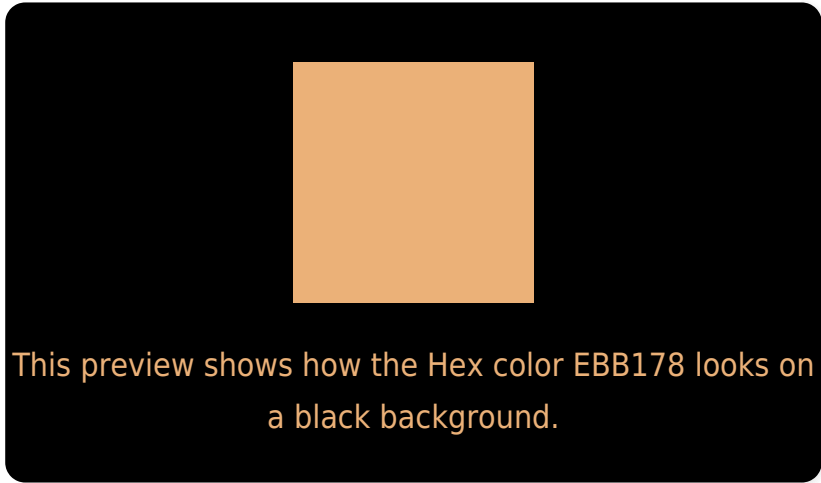
Large Text (above 18pt) WCAG AA × Fail

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 EBB178 Background



This preview shows how black text looks on a background with the Hex color EBB178.



This preview shows how white text looks on a background with the Hex color EBB178.

# 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



**Original Color**  
EBB178

**Protanopia**  
CDBD7D

**Deuteranopia**  
E4B477

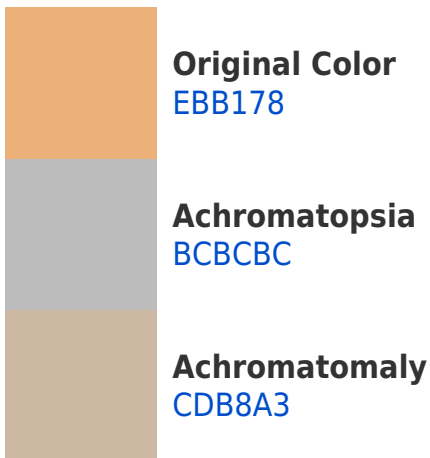


**Tritanopia**  
F0A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBB178 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 #EBB178 looks like.

```
.text, #text, p{  
    color:#EBB178  
}
```

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 #EBB178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBB178
}
```

## Border

The CSS property to change the border of an element to Hex EBB178 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
#EBB178 }
```

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

```
.border{ border-color:#EBB178 }
```

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

Here you see how a box with a 4 pixel #EBB178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBB178; -webkit-box-shadow:4px 4px  
4px 4px #EBB178; box-shadow:4px 4px 4px  
4px #EBB178 }
```

# Background

The CSS property to change the background color of an element to Hex EBB178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBB178 }
```

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

```
.background{ background-color:#EBB178 }
```

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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