

# Converting Colors

Hex(EBD000)

Have a look what the booklet for  
Hex(EBD000) contains.

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**Color**

**Hex(EBD000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBD000
RGB	235, 208, 0
RGB Percent	92%, 82%, 0%
CMY	0.0784, 0.1843, 1.0000
CMYK	0.00, 0.11, 1.00, 0.08
HSL	53°, 100%, 46%
HSV	53°, 100%, 92%
XYZ	56.8168, 62.7739, 9.1220
YIQ	192.3610, 82.8600, -58.9640

# Conversions

## Conversions Part 2

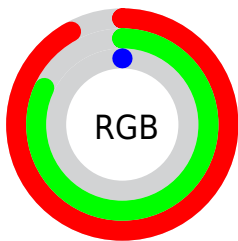
Format	Color
R <sub>Y</sub> B	31, 235, 0
Decimal	15454208
CIE Lab	83.32, -6.92, 83.73
CIE LCh	83, 84.020, 94.726
Yxy	62.7739, 0.4414, 0.4877
Android (android.graphics.Color)	4293644288 (0xFFEBD000)
YUV	192.3610, -94.8340, 37.3944
Hunter-Lab	79.2300, -10.6479, 48.6347

# Details

The Hex color **EBD000** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **001BEB**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFF57**, and **AE9A00** is the 20% darker color. If you saturate the color by 10%, you get **EBD000**, and if you desaturate by 10%, it is **EBD317**.

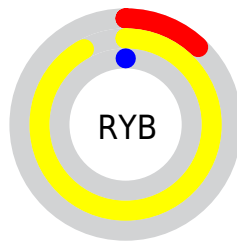
# Distribution



Red (92%)

Green (82%)

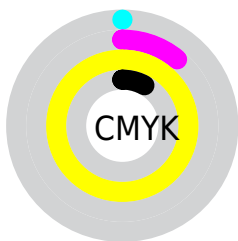
Blue (0%)



Red (12%)

Yellow (92%)

Blue (0%)

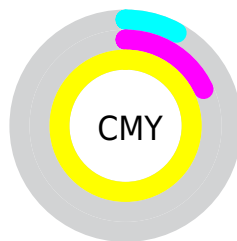


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBD000 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 EBD000 by changing the saturation by 10% instead.



 EBD000

 EBD000

FFFFFF

 CCB500

 FFFF57

 AE9A00

 FFFF75

 918000

 FFFF92

 746800

 FFFFAF


 575000

 FFFFCC

 3D3900

 FFFFEA

 232400

 011000

 000000

 EBD000

 EBD317

 EBD52F

 EBD847

 EBDB5E

 EBDE76

 EBE08D

 EBE3A4

 EBE6BC

 EBE8D3

# Harmonies

## Analogous

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



FFB237



EBD000



99E43E

# Triad

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



EBD000



00F3FF



FF91FF

# Complementary

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



EBD000



001BEB

# 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.



E1B5FF



EBD000



00E9FF

# Square

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



EBD000



00F4DA



00D5FF



FF80C6

# Rectangle

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



EBD000



42ED6F



00D5FF



FF9CFF



# Sweetspot

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



EBD000



FFF6B3



EB001B



807A52



000000



808080



# Same Dimension

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



EBD000



FFE200



91EB00



75746A



B5A000



362F00



# Inverse Universe

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



001BEB



001DFF



5A00EB



6A6B75



0015B5



000636



# Previews

## White Background



This preview shows how the Hex color EBD000 looks on a white background.

## Color Contrast Check

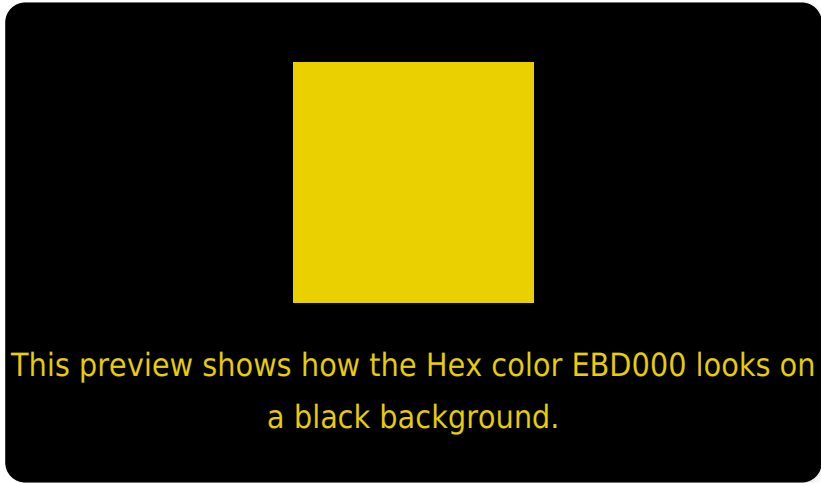
Large Text (above 18pt) WCAG AA × Fail

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 EBD000 Background



This preview shows how black text looks on a background with the Hex color EBD000.

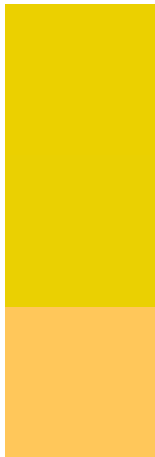


This preview shows how white text looks on a background with the Hex color EBD000.

# 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**  
EBD000

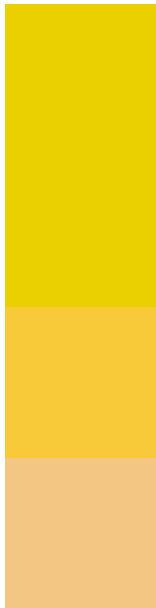
**Protanopia**  
EAD002

**Deuteranopia**  
FFC75A



**Tritanopia**  
F7C1D0

# Trichromacy



**Original Color**  
EBD000

**Protanomaly**  
EAD001

**Deuteranomaly**  
F8CA39

**Tritanomaly**  
F3C684

# Monochromacy



**Original Color**  
EBD000

**Achromatopsia**  
C0C0C0

**Achromatomaly**  
D0C67A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBD000 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 #EBD000 looks like.

```
.text, #text, p{  
    color:#EBD000  
}
```

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 #EBD000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBD000
}
```

## Border

The CSS property to change the border of an element to Hex EBD000 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
#EBD000 }
```

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

```
.border{ border-color:#EBD000 }
```

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

Here you see how a box with a 4 pixel #EBD000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBD000; -webkit-box-shadow:4px 4px  
4px 4px #EBD000; box-shadow:4px 4px 4px  
4px #EBD000 }
```

# Background

The CSS property to change the background color of an element to Hex EBD000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBD000 }
```

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

```
.background{ background-color:#EBD000 }
```

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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