

# Converting Colors

Hex(EBD376)

Have a look what the booklet for  
Hex(EBD376) contains.

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# **Color**

**Hex(EBD376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBD376
RGB	235, 211, 118
RGB Percent	92%, 83%, 46%
CMY	0.0784, 0.1725, 0.5373
CMYK	0.00, 0.10, 0.50, 0.08
HSL	48°, 75%, 69%
HSV	48°, 50%, 92%
XYZ	60.8252, 65.5587, 26.5878
YIQ	207.5740, 44.1570, -23.8350

# Conversions

## Conversions Part 2

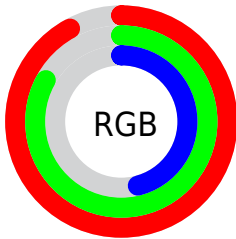
Format	Color
<a href="#">RYB</a>	<a href="#">148, 235, 118</a>
Decimal	<a href="#">15455094</a>
CIELab	<a href="#">84.77, -3.48, 48.73</a>
CIElCh	<a href="#">85, 48.859, 94.086</a>
Yxy	<a href="#">65.5587, 0.3976, 0.4286</a>
Android (android.graphics.Color)	<a href="#">4293645174 (0xFFEBD376)</a>
YUV	<a href="#">207.5740, -44.1600, 24.0526</a>
Hunter-Lab	<a href="#">80.9683, -7.6014, 37.2086</a>

# Details

The Hex color **EBD376** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **768EEB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFFAC**, and **B19D42** is the 20% darker color. If you saturate the color by 10%, you get **EBCE5F**, and if you desaturate by 10%, it is **EBD88E**.

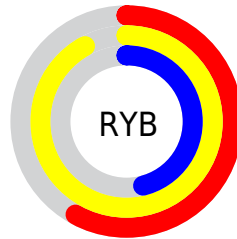
# Distribution



Red (92%)

Green (83%)

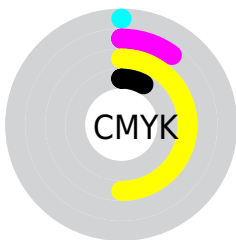
Blue (46%)



Red (58%)

Yellow (92%)

Blue (46%)

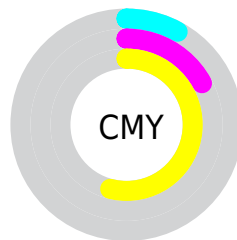


Cyan (0%)

Magenta (10%)

Yellow (50%)

Black (8%)



Cyan (8%)

Magenta (17%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBD376 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 EBD376 by changing the saturation by 10% instead.



 EBD376

 EBD376

FFFFFF

 CEB75C

 FFFFAC

 B19D42

 FFFFC8

 958329


 FFFFE4

 796A0B

 5F5200

 453B00

 2B2600

 111200

 000000

 EBD376

 EBD376

 EBCE5F

 EBD88E

 EBC947

 EBDDA5

 EBC530

 EBE1BD

 EBC018

 EBE6D4

 EBBB00

 EBEBEC

 EBF0FF

 EBF5FF

 EBFAFF

 EBFEFF

# Harmonies

## Analogous

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



FFC381



EBD376



BAE085

# Triad

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



EBD376



00EAFB



FFB6FD

# Complementary

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



EBD376



768EEB

# 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.



E1C5FF



EBD376



2FE3FF

# Square

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



EBD376



2EECD9



98D6FF



FFAFCF

# Rectangle

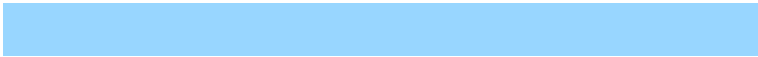
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBD376



95E69C



98D6FF



FFBAFF



# Sweetspot

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



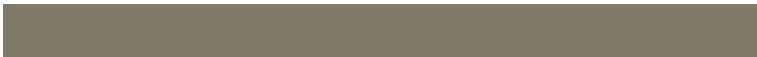
EBD376



FFF7D9



EB768F



807B69



000000



808080



# Same Dimension

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



EBD376



FFE066



CAEB76



75736A



B59000



362B00



# Inverse Universe

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



768EEB



6685FF



9776EB



6A6C75



0025B5



000B36



# Previews

## White Background



This preview shows how the Hex color EBD376 looks on a white background.

## Color Contrast Check

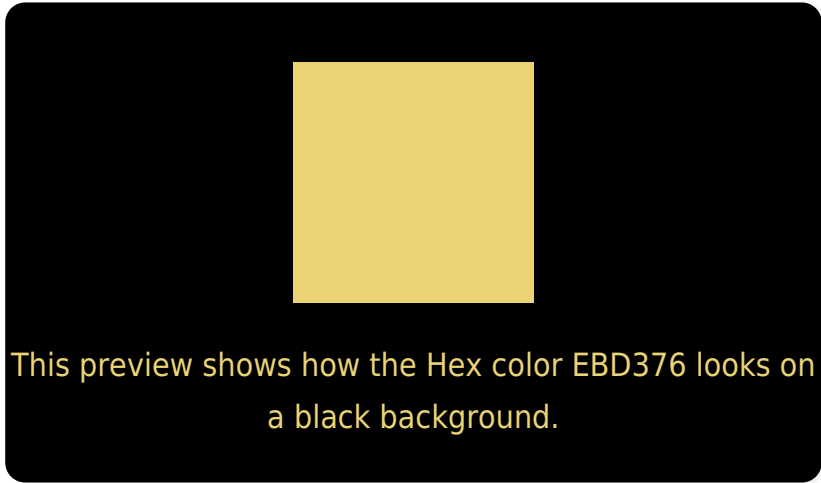
Large Text (above 18pt) WCAG AA × Fail

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 EBD376 Background



This preview shows how black text looks on a background with the Hex color EBD376.

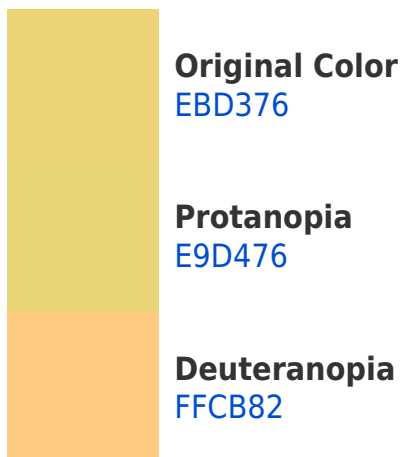


This preview shows how white text looks on a background with the Hex color EBD376.

# 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](#).

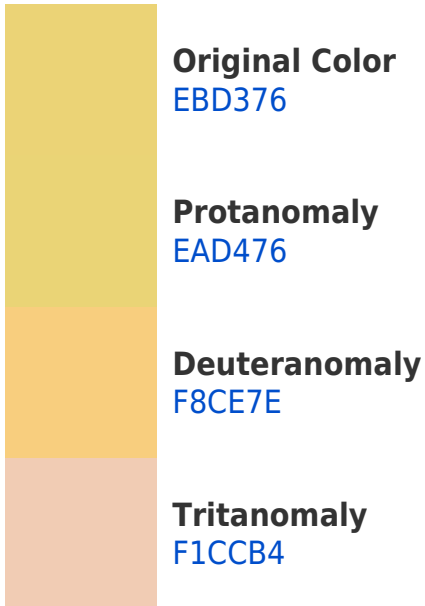
## Dichromacy



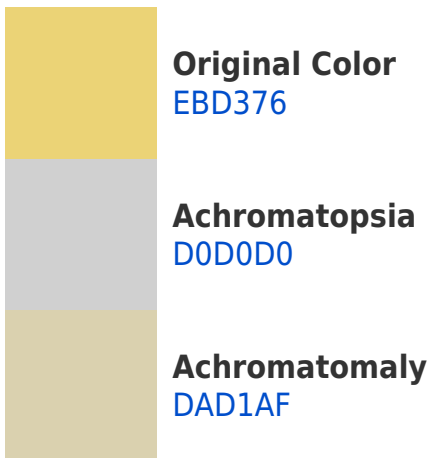


**Tritanopia**  
F4C8D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBD376 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 #EBD376 looks like.

```
.text, #text, p{  
    color:#EBD376  
}
```

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 #EBD376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBD376
}
```

## Border

The CSS property to change the border of an element to Hex EBD376 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
#EBD376 }
```

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

```
.border{ border-color:#EBD376 }
```

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

Here you see how a box with a 4 pixel #EBD376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBD376; -webkit-box-shadow:4px 4px  
4px 4px #EBD376; box-shadow:4px 4px 4px  
4px #EBD376 }
```

# Background

The CSS property to change the background color of an element to Hex EBD376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBD376 }
```

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

```
.background{ background-color:#EBD376 }
```

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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