

# Converting Colors

Hex(EBC018)

Have a look what the booklet for  
Hex(EBC018) contains.

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**Color**

**Hex(EBC018)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBC018
RGB	235, 192, 24
RGB Percent	92%, 75%, 9%
CMY	0.0784, 0.2471, 0.9059
CMYK	0.00, 0.18, 0.90, 0.08
HSL	48°, 84%, 51%
HSV	48°, 90%, 92%
XYZ	53.2755, 55.4274, 8.7548
YIQ	185.7050, 79.5560, -43.1320

# Conversions

## Conversions Part 2

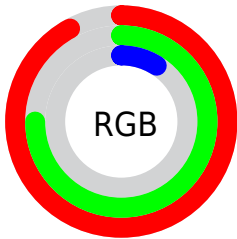
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">78, 235, 24</a>
Decimal	<a href="#">15450136</a>
CIELab	<a href="#">79.29, 1.54, 77.96</a>
CIELCh	<a href="#">79, 77.980, 88.871</a>
Yxy	<a href="#">55.4274, 0.4536, 0.4719</a>
Android (android.graphics.Color)	<a href="#">4293640216</a> ( <a href="#">0xFFEBC018</a> )
YUV	<a href="#">185.7050, -79.7206, 43.2317</a>
Hunter-Lab	<a href="#">74.4496, -2.5537, 45.1426</a>

# Details

The Hex color **EBC018** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **1843EB**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFF85C**, and **AE8B00** is the 20% darker color. If you saturate the color by 10%, you get **EBBB00**, and if you desaturate by 10%, it is **EBC530**.

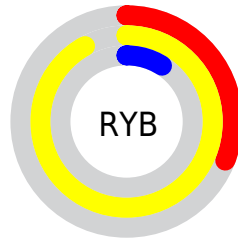
# Distribution



Red (92%)

Green (75%)

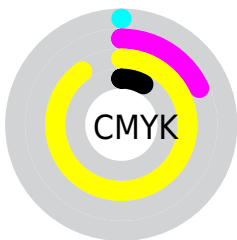
Blue (9%)



Red (31%)

Yellow (92%)

Blue (9%)

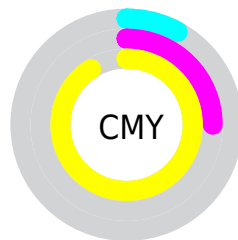


Cyan (0%)

Magenta (18%)

Yellow (90%)

Black (8%)



Cyan (8%)

Magenta (25%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBC018 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 EBC018 by changing the saturation by 10% instead.



 EBC018

 EBC018


FFFFFF

 CCA500

 FFF85C

 AE8B00

 FFFF78

 917200

 FFFF95

 745A00

 FFFFB2

 574300

 FFFFCE

 3D2D00

 FFFFEC

 241900

 000000

 EBC018

 EBC018

 EBBB00

 EBC530

 EBCA47

 EBCE5E

 EBD376

 EBD88D

 EBDDA5

 EBE2BC

 EBE6D4

 EBEBEC

# Harmonies

## Analogous

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



FFA445



EBC018



A3D535

# Triad

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



EBC018



00E6FF



FF92FF

# Complementary

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



EBC018



1843EB

# 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.



BEB2FF



EBC018



00DFFF

# Square

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



EBC018



00E6BF



00CEFF



FF7DCA

# Rectangle

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



EBC018



63DD5E



00CEFF



FF9CFF



# Sweetspot

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



EBC018



FFF1BA



EB1846



807757



000000



808080



# Same Dimension

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



EBC018



FFCB00



AFE818



75736A



B59000



362B00



# Inverse Universe

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



1843EB



0034FF



5418EB



6A6C75



0025B5



000B36



# Previews

## White Background



This preview shows how the Hex color EBC018 looks on a white background.

## Color Contrast Check

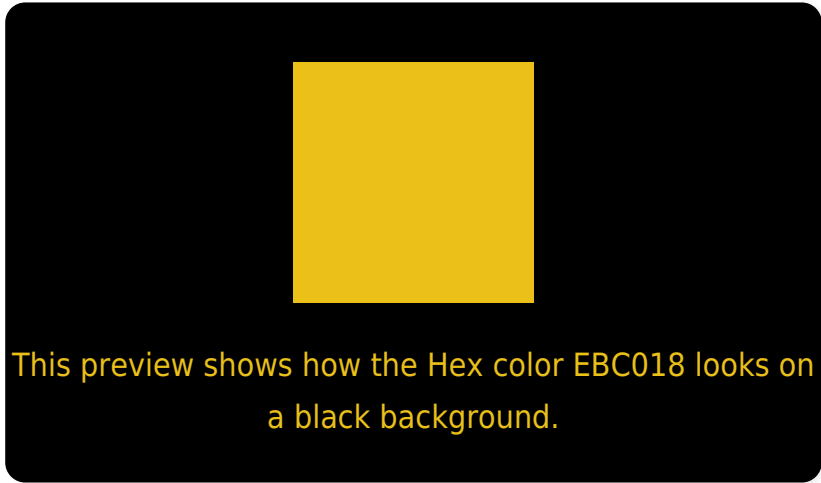
Large Text (above 18pt) WCAG AA × Fail

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 EBC018 Background



This preview shows how black text looks on a background with the Hex color EBC018.



This preview shows how white text looks on a background with the Hex color EBC018.

# 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**  
EBC018

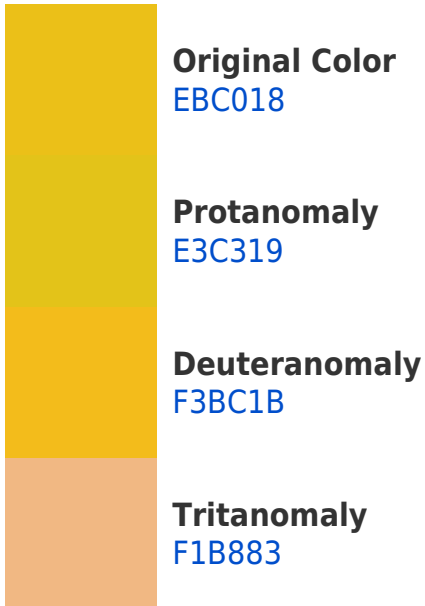
**Protanopia**  
DEC51A

**Deuteranopia**  
F8BA1D



**Tritanopia**  
F5B3C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBC018 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 #EBC018 looks like.

```
.text, #text, p{  
    color:#EBC018  
}
```

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 #EBC018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBC018
}
```

## Border

The CSS property to change the border of an element to Hex EBC018 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
#EBC018 }
```

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

```
.border{ border-color:#EBC018 }
```

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

Here you see how a box with a 4 pixel #EBC018 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBC018; -webkit-box-shadow:4px 4px  
4px 4px #EBC018; box-shadow:4px 4px 4px  
4px #EBC018 }
```

# Background

The CSS property to change the background color of an element to Hex EBC018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBC018 }
```

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

```
.background{ background-color:#EBC018 }
```

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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