

Converting Colors

Hex(EBCB1B)

Have a look what the booklet for
Hex(EBCB1B) contains.

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Color

Hex(EBCB1B)

Conversions

Conversions Part 1

Format	Color
Hex	EBCB1B
RGB	235, 203, 27
RGB Percent	92%, 80%, 11%
CMY	0.0784, 0.2039, 0.8941
CMYK	0.00, 0.14, 0.89, 0.08
HSL	51°, 84%, 51%
HSV	51°, 89%, 92%
XYZ	55.8147, 60.4532, 9.7638
YIQ	192.5040, 75.5680, -47.9520

Conversions

Conversions Part 2

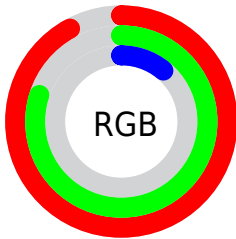
Format	Color
RYB	65, 235, 27
Decimal	15452955
CIELab	82.08, -4.07, 79.59
CIELCh	82, 79.695, 92.929
Yxy	60.4532, 0.4429, 0.4797
Android (android.graphics.Color)	4293643035 (0xFFEBCB1B)
YUV	192.5040, -81.5935, 37.2690
Hunter-Lab	77.7516, -7.9275, 46.9807

Details

The Hex color **EBCB1B** 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 **1B3BEB**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFF5F**, and **AE9500** is the 20% darker color. If you saturate the color by 10%, you get **EBC703**, and if you desaturate by 10%, it is **EBCF32**.

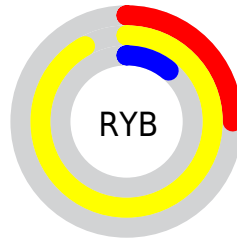
Distribution



Red (92%)

Green (80%)

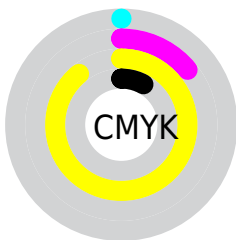
Blue (11%)



Red (25%)

Yellow (92%)

Blue (11%)

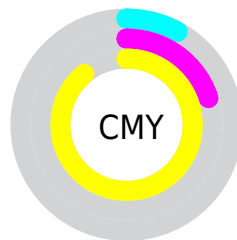


Cyan (0%)

Magenta (14%)

Yellow (89%)

Black (8%)



Cyan (8%)

Magenta (20%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBCB1B 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 EBCB1B by changing the saturation by 10% instead.

 EBCB1B

 EBCB1B


FFFFFF

 CCB000

 FFFF5F

 AE9500

 FFFF7C

 917C00

 FFFF98

 746300

 FFFFB5

 584C00

 FFFFD3

 3D3500

 FFFFF0

 242100

 010A00

 000000

 EBCB1B

 EBCB1B

 EBC703

 EBCF32

 EBC700

 EBD24A

 EBD661

 EBD979

 EBDD90

 EBE1A8

 EBE4BF

 EBE8D7

 EBEC EE

Harmonies

Analogous

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



FFAF41



EBCB1B



9FDF41

Triad

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



EBCB1B



00EEFF



FF94FF

Complementary

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



EBCB1B



1B3BEB

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.



D6B5FF



EBCB1B



00E5FF

Square

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



EBCB1B



00EFD1



00D2FF



FF83C8

Rectangle

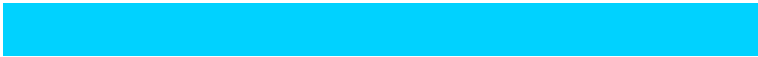
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBCB1B



56E76D



00D2FF



FF9EFF

Sweetspot

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



EBCB1B



FFF4BA



EB1B3E



807957



000000



808080

Same Dimension

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



EBCB1B



FFD800



A6EB1B



75736A



B59900



362D00

Inverse Universe

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



1B3BEB



0027FF



601BEB



6A6B75



001CB5



000836

Previews

White Background



This preview shows how the Hex color EBCB1B looks on a white background.

Color Contrast Check

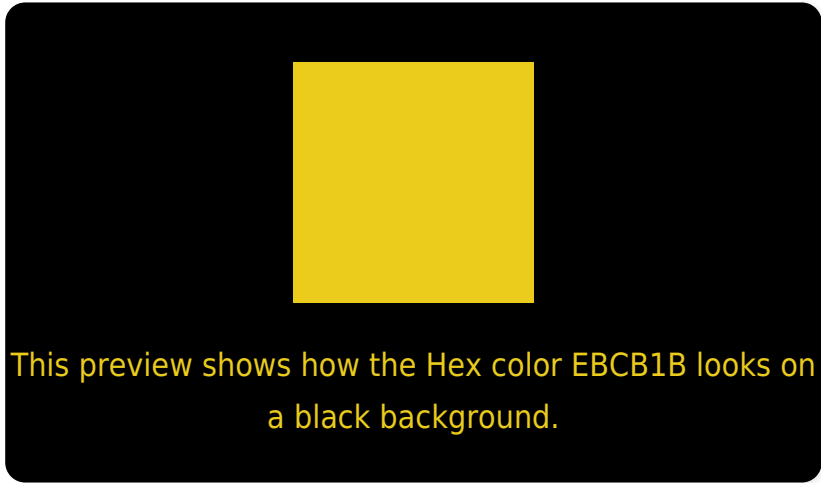
Large Text (above 18pt) WCAG AA × Fail

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 EBCB1B Background



This preview shows how black text looks on a background with the Hex color EBCB1B.

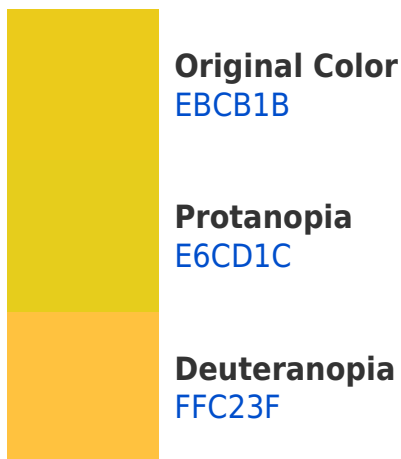


This preview shows how white text looks on a background with the Hex color EBCB1B.

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](#).

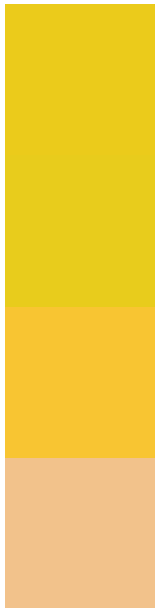
Dichromacy





Tritanopia
F6BDCB

Trichromacy



Original Color
EBCB1B

Protanomaly
E8CC1C

Deuteranomaly
F8C532

Tritanomaly
F2C28B

Monochromacy



Original Color
EBCB1B

Achromatopsia
C1C1C1

Achromatomaly
D0C585

CSS Examples

Text

The CSS property to change the color of the text to Hex EBCB1B 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 #EBCB1B looks like.

```
.text, #text, p{  
    color:#EBCB1B  
}
```

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 #EBCB1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBCB1B
}
```

Border

The CSS property to change the border of an element to Hex EBCB1B 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
#EBCB1B }
```

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

```
.border{ border-color:#EBCB1B }
```

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

Here you see how a box with a 4 pixel #EBCB1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBCB1B; -webkit-box-shadow:4px 4px  
4px 4px #EBCB1B; box-shadow:4px 4px 4px  
4px #EBCB1B }
```

Background

The CSS property to change the background color of an element to Hex EBCB1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBCB1B }
```

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

```
.background{ background-color:#EBCB1B }
```

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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