

Converting Colors

Hex(EBD513)

Have a look what the booklet for
Hex(EBD513) contains.

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Color

Hex(EBD513)

Conversions

Conversions Part 1

Format	Color
Hex	EBD513
RGB	235, 213, 19
RGB Percent	92%, 84%, 7%
CMY	0.0784, 0.1647, 0.9255
CMYK	0.00, 0.09, 0.92, 0.08
HSL	54°, 85%, 50%
HSV	54°, 92%, 92%
XYZ	58.1727, 65.2977, 10.1538
YIQ	197.4620, 75.3860, -55.6700

Conversions

Conversions Part 2

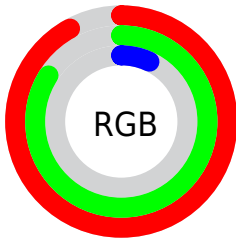
Format	Color
R _Y B	43, 235, 19
Decimal	15455507
CIE Lab	84.64, -9.26, 82.82
CIE LCh	85, 83.333, 96.381
Yxy	65.2977, 0.4353, 0.4887
Android (android.graphics.Color)	4293645587 (0xFFE8D513)
YUV	197.4620, -87.9818, 32.9208
Hunter-Lab	80.8070, -12.9105, 49.1148

Details

The Hex color **EBD513** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **1329EB**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF5D**, and **AE9F00** is the 20% darker color. If you saturate the color by 10%, you get **EBD300**, and if you desaturate by 10%, it is **EBD72A**.

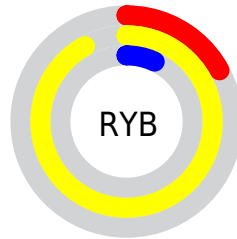
Distribution



Red (92%)

Green (84%)

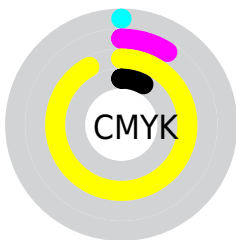
Blue (7%)



Red (17%)

Yellow (92%)

Blue (7%)

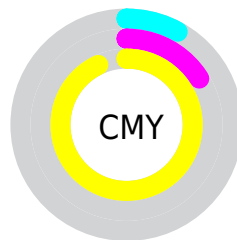


Cyan (0%)

Magenta (9%)

Yellow (92%)

Black (8%)



Cyan (8%)

Magenta (16%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBD513 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 EBD513 by changing the saturation by 10% instead.

 EBD513

 EBD513

FFFFFF

 CCBA00

 FFFF5D

 AE9F00

 FFFF7A

 918500

 FFFF98

 746C00

 FFFFB5

 585400

 FFFFD2

 3D3D00

 FFFFF0

 242800

 021400

 000000

 EBD513

 EBD513

 EBD300

 EBD72A

 EBDA42

 EBDC59

 EBDF71

 EBE189

 EBE3A0

 EBE6B7

 EBE8CF

 EBEBE7

Harmonies

Analogous

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



FFB83A



EBD513



98E948

Triad

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



EBD513



00F6FF



FF94FF

Complementary

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



EBD513



1329EB

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.



EBB7FF



EBD513



00ECFF

Square

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



EBD513



00F8E2



00D7FF



FF85C6

Rectangle

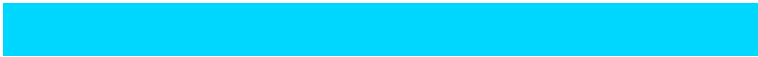
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBD513



3EF177



00D7FF



FF9FFF

Sweetspot

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



EBD513



FFF8B8



EB132C



807B54



000000



808080

Same Dimension

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



EBD513



FFE500



98EB13



75746A



B5A300



363000

Inverse Universe

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



1329EB



001AFF



6613EB



6A6B75



0012B5



000536

Previews

White Background



This preview shows how the Hex color EBD513 looks on a white background.

Color Contrast Check

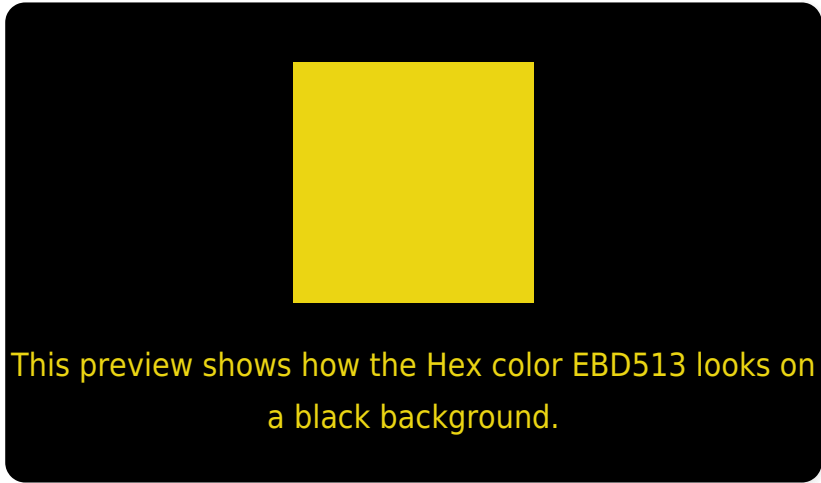
Large Text (above 18pt) WCAG AA × Fail

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 EBD513 Background



This preview shows how black text looks on a background with the Hex color EBD513.

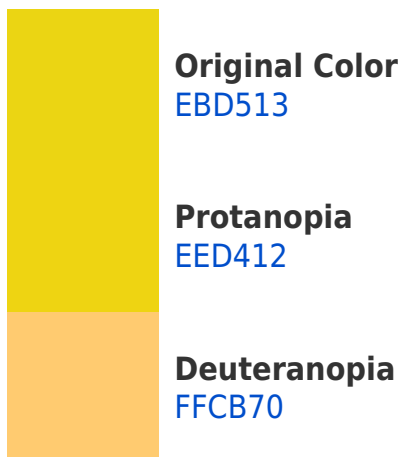


This preview shows how white text looks on a background with the Hex color EBD513.

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](#).

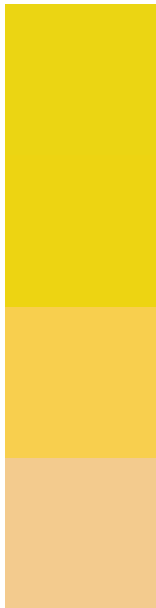
Dichromacy





Tritanopia
F8C6D5

Trichromacy



Original Color
EBD513

Protanomaly
EDD412

Deuteranomaly
F8CF4E

Tritanomaly
F3CB8E

Monochromacy



Original Color
EBD513

Achromatopsia
C5C5C5

Achromatomaly
D3CB84

CSS Examples

Text

The CSS property to change the color of the text to Hex EBD513 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 #EBD513 looks like.

```
.text, #text, p{  
    color:#EBD513  
}
```

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 #EBD513 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBD513
}
```

Border

The CSS property to change the border of an element to Hex EBD513 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
#EBD513 }
```

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

```
.border{ border-color:#EBD513 }
```

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

Here you see how a box with a 4 pixel #EBD513 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBD513; -webkit-box-shadow:4px 4px  
4px 4px #EBD513; box-shadow:4px 4px 4px  
4px #EBD513 }
```

Background

The CSS property to change the background color of an element to Hex EBD513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBD513 }
```

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

```
.background{ background-color:#EBD513 }
```

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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