

Converting Colors

Hex(EBC457)

Have a look what the booklet for
Hex(EBC457) contains.

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Color

Hex(EBC457)

Conversions

Conversions Part 1

Format	Color
Hex	EBC457
RGB	235, 196, 87
RGB Percent	92%, 77%, 34%
CMY	0.0784, 0.2314, 0.6588
CMYK	0.00, 0.17, 0.63, 0.08
HSL	44°, 79%, 63%
HSV	44°, 63%, 92%
XYZ	55.7212, 57.8301, 17.2423
YIQ	195.2350, 58.2330, -25.6310

Conversions

Conversions Part 2

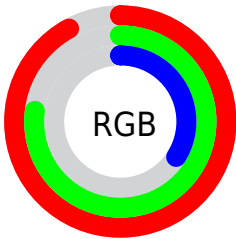
Format	Color
RYB	140, 235, 87
Decimal	15451223
CIELab	80.64, 1.90, 58.42
CIELCh	81, 58.455, 88.138
Yxy	57.8301, 0.4260, 0.4421
Android (android.graphics.Color)	4293641303 (0xFFEBC457)
YUV	195.2350, -53.3599, 34.8739
Hunter-Lab	76.0461, -2.2887, 39.7892

Details

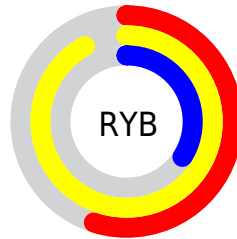
The Hex color **EBC457** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **577EEB**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFC8D**, and **B08F20** is the 20% darker color. If you saturate the color by 10%, you get **EBBE3F**, and if you desaturate by 10%, it is **EBCA6E**.

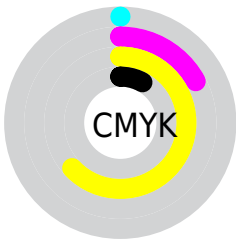
Distribution



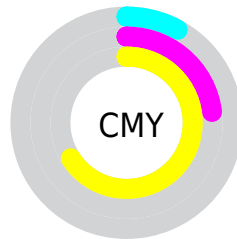
- Red (92%)
- Green (77%)
- Blue (34%)



- Red (55%)
- Yellow (92%)
- Blue (34%)



- Cyan (0%)
- Magenta (17%)
- Yellow (63%)
- Black (8%)



- Cyan (8%)
- Magenta (23%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBC457 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 EBC457 by changing the saturation by 10% instead.

 EBC457

 EBC457

FFFFFF

 CDA93C

 FFFC8D

 B08F20

 FFFFA8

 937500

 FFFFC4

 775D00

 FFFFE1

 5C4500

FFFFFFE

 413000

 271B00

 090100

 000000

 EBC457

 EBC457

 EBBE3F

 EBCA6E

 EBB828

 EBD086

 EBB111

 EBD79E

 EBAD00

 EBDDB5

 EBE3CC

 EBE9E4

 EBEFFB

 EBF6FF

 EBFCFF

Harmonies

Analogous

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



FFB06C



EBC457



B4D464

Triad

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



EBC457



00E3FA



FFA6FF

Complementary

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



EBC457



577EEB

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.



C6BBFF



EBC457



00DCFF

Square

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



EBC457



00E3C3



57CFFF



FF9ACE

Rectangle

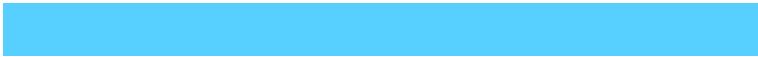
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBC457



89DC7C



57CFFF



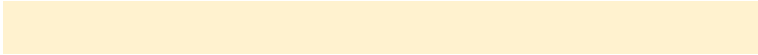
F6ADFF

Sweetspot

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



EBC457



FFF2CF



EB577E



807862



000000



808080

Same Dimension

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



EBC457



FFCC3D



C8EB57



75726A



B58500



362700

Inverse Universe

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



577EEB



3D70FF



7A57EB



6A6D75



0030B5



000E36

Previews

White Background



This preview shows how the Hex color EBC457 looks on a white background.

Color Contrast Check

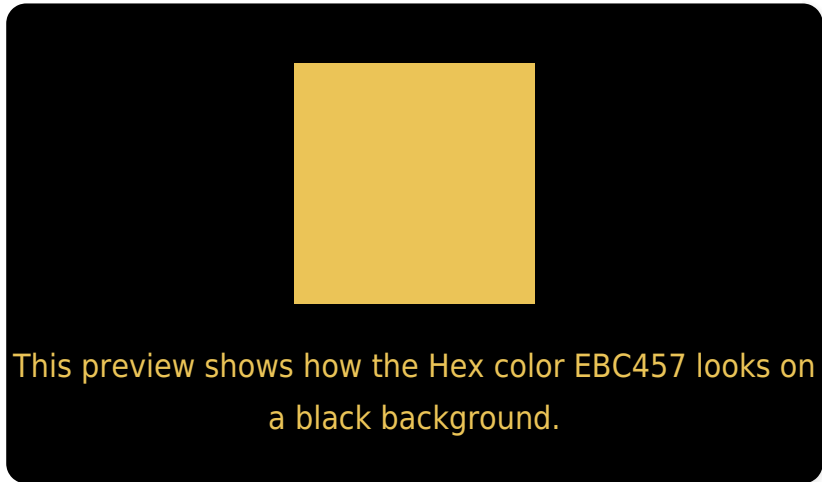
Large Text (above 18pt) WCAG AA × Fail

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 EBC457 Background



This preview shows how black text looks on a background with the Hex color EBC457.

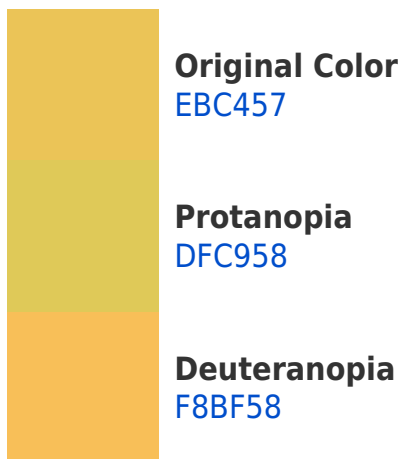


This preview shows how white text looks on a background with the Hex color EBC457.

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](#).

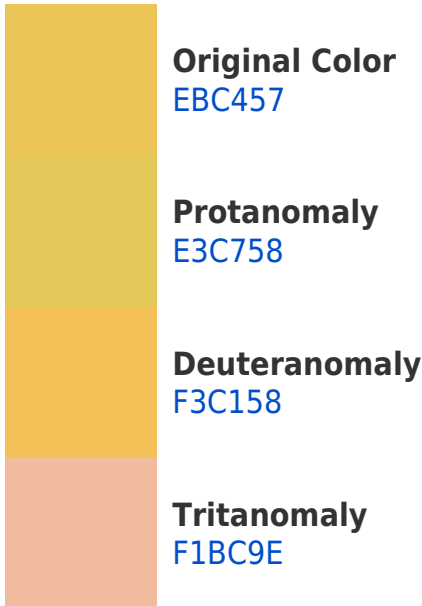
Dichromacy



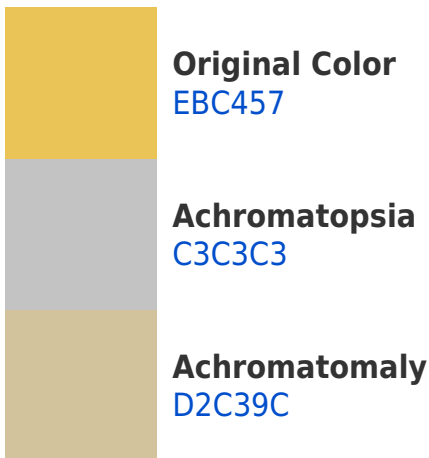


Tritanopia
F4B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EBC457 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 #EBC457 looks like.

```
.text, #text, p{  
    color:#EBC457  
}
```

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 #EBC457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBC457
}
```

Border

The CSS property to change the border of an element to Hex EBC457 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
#EBC457 }
```

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

```
.border{ border-color:#EBC457 }
```

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

Here you see how a box with a 4 pixel #EBC457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBC457; -webkit-box-shadow:4px 4px  
4px 4px #EBC457; box-shadow:4px 4px 4px  
4px #EBC457 }
```

Background

The CSS property to change the background color of an element to Hex EBC457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBC457 }
```

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

```
.background{ background-color:#EBC457 }
```

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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