

Converting Colors

Hex(CEBF3A)

Have a look what the booklet for
Hex(CEBF3A) contains.

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Color

Hex(CEBF3A)

Conversions

Conversions Part 1

Format	Color
Hex	CEBF3A
RGB	206, 191, 58
RGB Percent	81%, 75%, 23%
CMY	0.1922, 0.2510, 0.7725
CMYK	0.00, 0.07, 0.72, 0.19
HSL	54°, 60%, 52%
HSV	54°, 72%, 81%
XYZ	44.8481, 50.6889, 11.4232
YIQ	180.3230, 51.6330, -38.1830

Conversions

Conversions Part 2

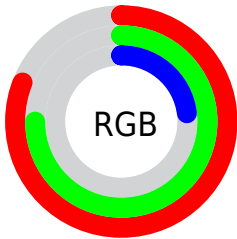
Format	Color
RYB	75, 206, 58
Decimal	13549370
CIELab	76.49, -9.41, 65.14
CIELCh	76, 65.814, 98.216
Yxy	50.6889, 0.4193, 0.4739
Android (android.graphics.Color)	4291739450 (0xFFCEBF3A)
YUV	180.3230, -60.3052, 22.5187
Hunter-Lab	71.1961, -12.1519, 40.3244

Details

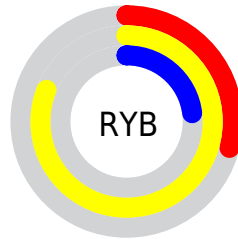
The Hex color **CEBF3A** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **3A49CE**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFF772**, and **948A00** is the 20% darker color. If you saturate the color by 10%, you get **CEBD25**, and if you desaturate by 10%, it is **CEC14F**.

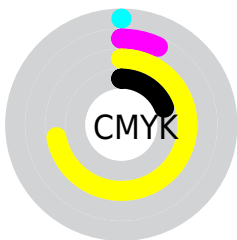
Distribution



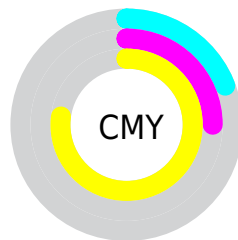
- Red (81%)
- Green (75%)
- Blue (23%)



- Red (29%)
- Yellow (81%)
- Blue (23%)



- Cyan (0%)
- Magenta (7%)
- Yellow (72%)
- Black (19%)



- Cyan (19%)
- Magenta (25%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEBF3A 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 CEBF3A by changing the saturation by 10% instead.

 CEBF3A

 CEBF3A

FFFFFF

 B1A41A

 FFF772

 948A00

 FFFF8D

 787100

 FFFFA9

 5D5800

 FFFF66

 424100

 FFFF33

 282C00

 0C1800

 000000

 CEBF3A

 CEBF3A

 CEBD25

 CEC14F

 CEBB11

 CEC363

 CEB900

 CEC578

 CEC78C

 CEC9A1

 CECCB6

 CECECA

 CED0DF

 CED2F3

Harmonies

Analogous

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



FFA948



CEBF3A



8DCE57

Triad

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



CEBF3A



00D8FF



FF8EEB

Complementary

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



CEBF3A



3A49CE

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.



D6A6FF



CEBF3A



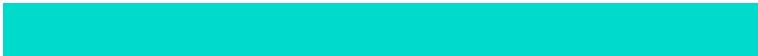
00CFFF

Square

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



CEBF3A



00DACC



64BEFF



FF85AE

Rectangle

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



CEBF3A



50D57A



64BEFF



FF95FE

Sweetspot

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



CEBF3A



FFF9C7



CE3A4B



807C5E



000000



808080

Same Dimension

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



CEBF3A



FFE924



95CE3A



66655C



A69500



262200

Inverse Universe

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



3A49CE



243AFF



733ACE



5C5D66



0011A6



000426

Previews

White Background



This preview shows how the Hex color CEBF3A looks on a white background.

Color Contrast Check

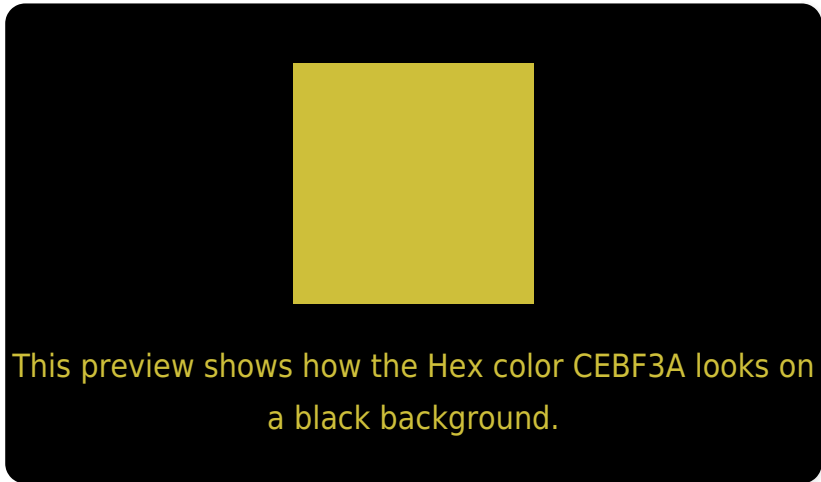
Large Text (above 18pt) WCAG AA × Fail

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 CEBF3A Background



This preview shows how black text looks on a background with the Hex color CEBF3A.

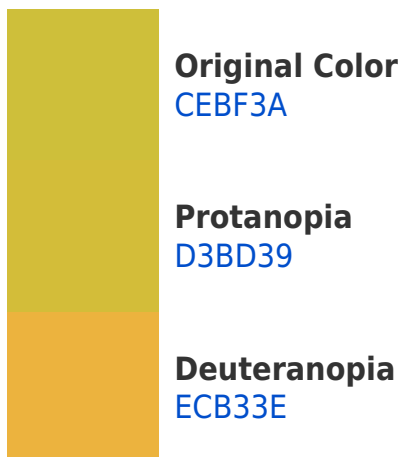


This preview shows how white text looks on a background with the Hex color CEBF3A.

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](#).

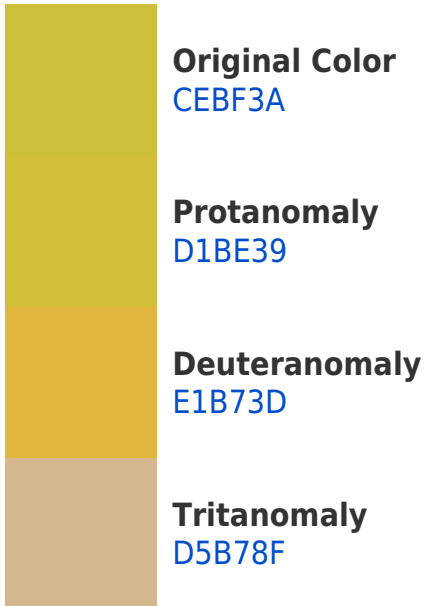
Dichromacy





Tritanopia
D9B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEBF3A 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 #CEBF3A looks like.

```
.text, #text, p{  
    color:#CEBF3A  
}
```

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 #CEBF3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEBF3A
}
```

Border

The CSS property to change the border of an element to Hex CEBF3A 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
#CEBF3A }
```

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

```
.border{ border-color:#CEBF3A }
```

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

Here you see how a box with a 4 pixel #CEBF3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEBF3A; -webkit-box-shadow:4px 4px  
4px 4px #CEBF3A; box-shadow:4px 4px 4px  
4px #CEBF3A }
```

Background

The CSS property to change the background color of an element to Hex CEBF3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEBF3A }
```

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

```
.background{ background-color:#CEBF3A }
```

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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