

Converting Colors

Hex(CABD3B)

Have a look what the booklet for
Hex(CABD3B) contains.

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Color

Hex(CABD3B)

Conversions

Conversions Part 1

Format	Color
Hex	CABD3B
RGB	202, 189, 59
RGB Percent	79%, 74%, 23%
CMY	0.2078, 0.2588, 0.7686
CMYK	0.00, 0.06, 0.71, 0.21
HSL	55°, 57%, 51%
HSV	55°, 71%, 79%
XYZ	43.3441, 49.2675, 11.3628
YIQ	178.0670, 49.4780, -37.6740

Conversions

Conversions Part 2

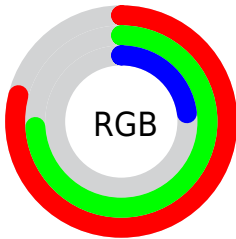
Format	Color
RYB	73, 202, 59
Decimal	13286715
CIELab	75.62, -10.04, 63.80
CIELCh	76, 64.586, 98.947
Yxy	49.2675, 0.4169, 0.4738
Android (android.graphics.Color)	4291476795 (0xFFCABD3B)
YUV	178.0670, -58.7000, 20.9892
Hunter-Lab	70.1908, -12.6069, 39.5355

Details

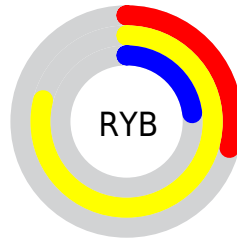
The Hex color **CABD3B** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **3B48CA**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFF572**, and **908800** is the 20% darker color. If you saturate the color by 10%, you get **CABB27**, and if you desaturate by 10%, it is **CABF4F**.

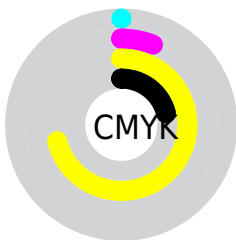
Distribution



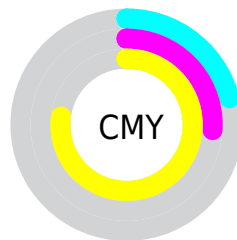
- Red (79%)
- Green (74%)
- Blue (23%)



- Red (29%)
- Yellow (79%)
- Blue (23%)



- Cyan (0%)
- Magenta (6%)
- Yellow (71%)
- Black (21%)



- Cyan (21%)
- Magenta (26%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color CABD3B 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 CABD3B by changing the saturation by 10% instead.

 CABD3B

 CABD3B

FFFFFF

 ADA21C

 FFF572

 908800

 FFFF8E

 746F00

 FFFFFA

 595700

 FFFFC6

 3E4000

 FFFFFE3

 252A00

 051700

 000000

 CABD3B

 CABD3B

 CABB27

 CABF4F

 CAB913

 CAC163

 CAB800

 CAC378

 CAC48C

 CAC6A0

 CAC8B4

 CACAC8

 CACCDD

 CACEF1

Harmonies

Analogous

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



FDA848



CABD3B



8ACC58

Triad

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



CABD3B



00D5FF



FF8CE6

Complementary

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



CABD3B



3B48CA

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.



D5A3FF



CABD3B



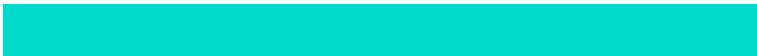
00CCFF

Square

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



CABD3B



00D8CB



68BBFF



FF84AB

Rectangle

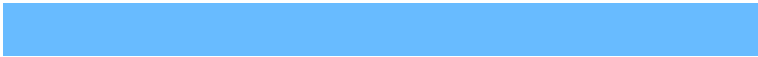
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CABD3B



4ED27A



68BBFF



FF93F9

Sweetspot

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



CABD3B



FFFAC9



CA3B49



807D60



000000



808080

Same Dimension

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



CABD3B



FFEB26



91CA3B



66655C



A69700



262300

Inverse Universe

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



3B48CA



263AFF



743BCA



5C5D66



000FA6



000326

Previews

White Background



This preview shows how the Hex color CABD3B looks on a white background.

Color Contrast Check

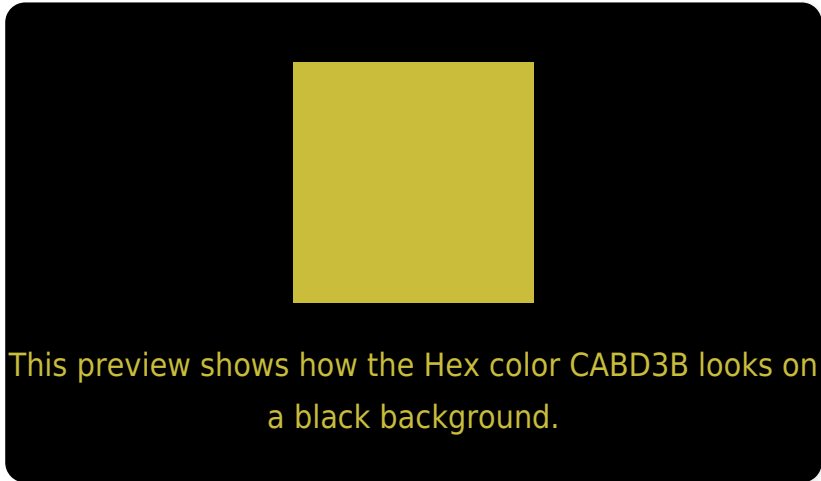
Large Text (above 18pt) WCAG AA × Fail

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 CABD3B Background



This preview shows how black text looks on a background with the Hex color CABD3B.

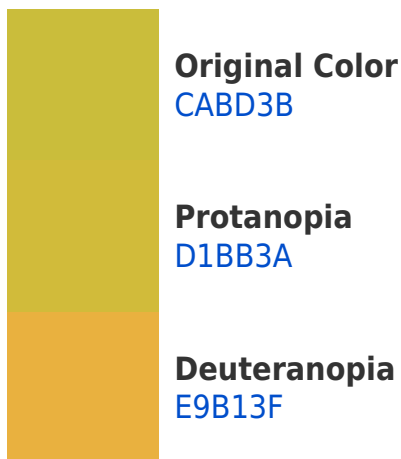


This preview shows how white text looks on a background with the Hex color CABD3B.

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](#).

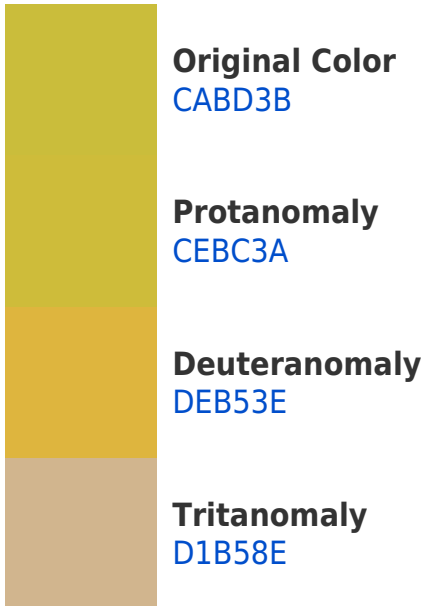
Dichromacy





Tritanopia
D5B1BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CABD3B 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 #CABD3B looks like.

```
.text, #text, p{  
    color:#CABD3B  
}
```

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 #CABD3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CABD3B
}
```

Border

The CSS property to change the border of an element to Hex CABD3B 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
#CABD3B }
```

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

```
.border{ border-color:#CABD3B }
```

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

Here you see how a box with a 4 pixel #CABD3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CABD3B; -webkit-box-shadow:4px 4px  
4px 4px #CABD3B; box-shadow:4px 4px 4px  
4px #CABD3B }
```

Background

The CSS property to change the background color of an element to Hex CABD3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CABD3B }
```

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

```
.background{ background-color:#CABD3B }
```

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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