

Converting Colors

Hex(CAB35B)

Have a look what the booklet for
Hex(CAB35B) contains.

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Color

Hex(CAB35B)

Conversions

Conversions Part 1

Format	Color
Hex	CAB35B
RGB	202, 179, 91
RGB Percent	79%, 70%, 36%
CMY	0.2078, 0.2980, 0.6431
CMYK	0.00, 0.11, 0.55, 0.21
HSL	48°, 51%, 57%
HSV	48°, 55%, 79%
XYZ	42.3655, 45.5521, 16.4571
YIQ	175.8450, 41.9560, -22.4920

Conversions

Conversions Part 2

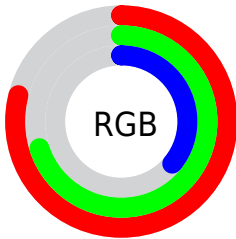
Format	Color
RYB	120, 202, 91
Decimal	13284187
CIELab	73.25, -2.78, 47.35
CIELCh	73, 47.432, 93.355
Yxy	45.5521, 0.4059, 0.4364
Android (android.graphics.Color)	4291474267 (0xFFCAB35B)
YUV	175.8450, -41.8286, 22.9379
Hunter-Lab	67.4923, -6.0654, 32.7876

Details

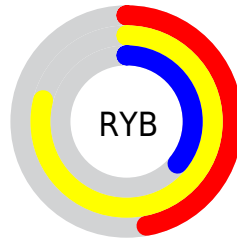
The Hex color **CAB35B** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5B72CA**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFEB8F**, and **917F28** is the 20% darker color. If you saturate the color by 10%, you get **CAAF47**, and if you desaturate by 10%, it is **CAB76F**.

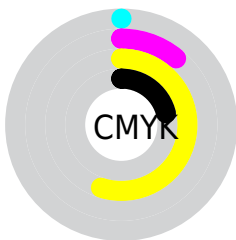
Distribution



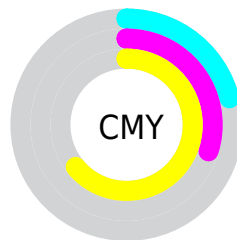
- Red (79%)
- Green (70%)
- Blue (36%)



- Red (47%)
- Yellow (79%)
- Blue (36%)



- Cyan (0%)
- Magenta (11%)
- Yellow (55%)
- Black (21%)



- Cyan (21%)
- Magenta (30%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAB35B 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 CAB35B by changing the saturation by 10% instead.

 CAB35B

 CAB35B

FFFFFF

 AD9842

 FFEB8F

 917F28

 FFFFAB

 76660B

 FFFFC6

 5B4E00

 FFFFFE3

 423700

 282200

 0B0D00

 000000

 CAB35B

 CAB35B

■ CAAF47

■ CAB76F

■ CAAB33

■ CABB83

■ CAA61E

■ CAC098

■ CAA20A

■ CAC4AC

■ CAA000

■ CAC8C0

■ CACCD4

■ CAD0E8

■ CAD4FD

■ CAD9FF

Harmonies

Analogous

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



EEA467



CAB35B



9DBF69

Triad

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



CAB35B



00C9E2



EE97DC

Complementary

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



CAB35B



5B72CA

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.



BEA7FD



CAB35B



00C3FF

Square

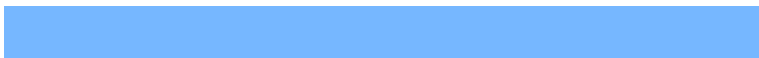
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CAB35B



00CAB8



76B7FF



FF90B1

Rectangle

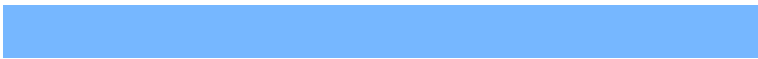
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CAB35B



79C57E



76B7FF



E19CE8

Sweetspot

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



CAB35B



FFF7D6



CA5B73



807A67



000000



808080

Same Dimension

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



CAB35B



FFDC57



ABCA5B



66645C



A68300



261E00

Inverse Universe

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



5B72CA



577AFF



7A5BCA



5C5E66



0022A6



000826

Previews

White Background



This preview shows how the Hex color CAB35B looks on a white background.

Color Contrast Check

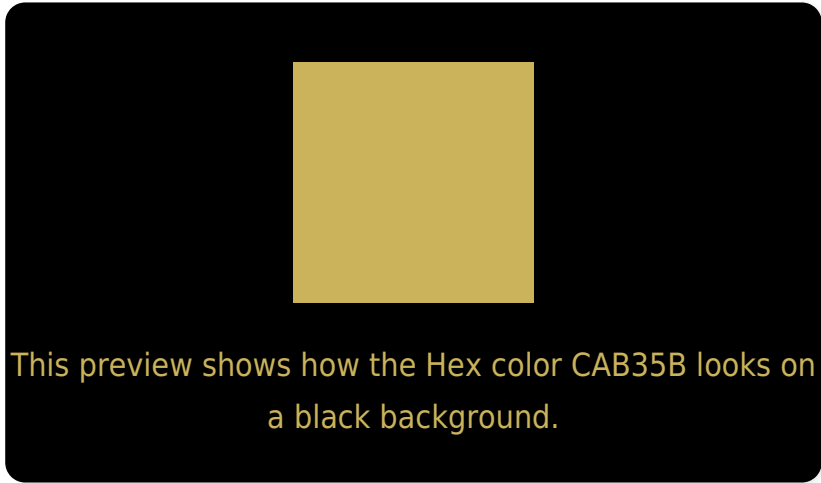
Large Text (above 18pt) WCAG AA × Fail

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 CAB35B Background



This preview shows how black text looks on a background with the Hex color CAB35B.



This preview shows how white text looks on a background with the Hex color CAB35B.

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



Original Color
CAB35B

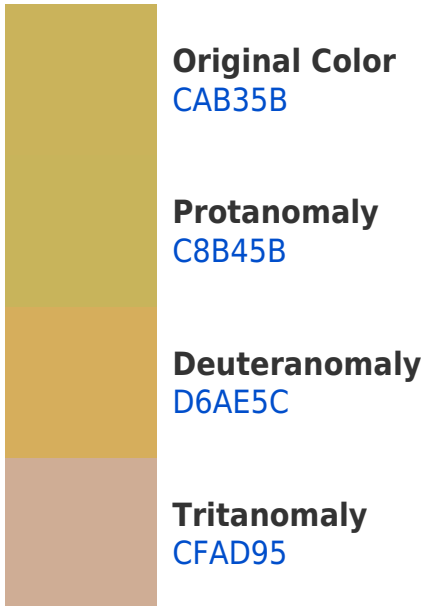
Protanopia
C7B45B

Deuteranopia
DDAB5D

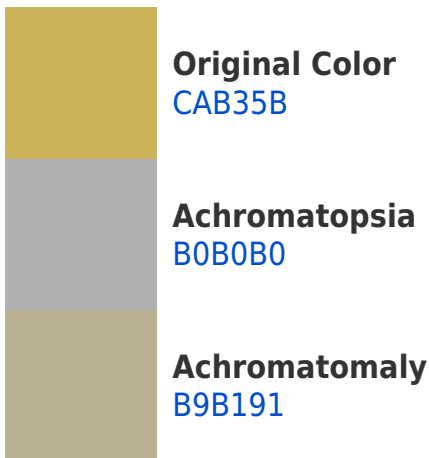


Tritanopia
D2A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAB35B 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 #CAB35B looks like.

```
.text, #text, p{  
    color:#CAB35B  
}
```

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 #CAB35B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAB35B
}
```

Border

The CSS property to change the border of an element to Hex CAB35B 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
#CAB35B }
```

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

```
.border{ border-color:#CAB35B }
```

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

Here you see how a box with a 4 pixel #CAB35B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAB35B; -webkit-box-shadow:4px 4px  
4px 4px #CAB35B; box-shadow:4px 4px 4px  
4px #CAB35B }
```

Background

The CSS property to change the background color of an element to Hex CAB35B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAB35B }
```

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

```
.background{ background-color:#CAB35B }
```

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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