

Converting Colors

Hex(CCAB33)

Have a look what the booklet for
Hex(CCAB33) contains.

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Color

Hex(CCAB33)

Conversions

Conversions Part 1

Format	Color
Hex	CCAB33
RGB	204, 171, 51
RGB Percent	80%, 67%, 20%
CMY	0.2000, 0.3294, 0.8000
CMYK	0.00, 0.16, 0.75, 0.20
HSL	47°, 60%, 50%
HSV	47°, 75%, 80%
XYZ	40.0623, 42.2022, 9.1663
YIQ	167.1870, 58.1880, -30.3240

Conversions

Conversions Part 2

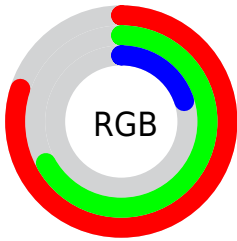
Format	Color
R _Y B	93, 204, 51
Decimal	13413171
CIE Lab	71.01, -0.15, 62.36
CIE LCh	71, 62.363, 90.142
Yxy	42.2022, 0.4382, 0.4616
Android (android.graphics.Color)	4291603251 (0xFFCCAB33)
YUV	167.1870, -57.2802, 32.2850
Hunter-Lab	64.9632, -3.6061, 37.1084

Details

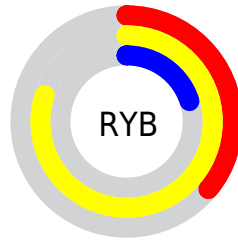
The Hex color **CCAB33** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3354CC**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFE26A**, and **927700** is the 20% darker color. If you saturate the color by 10%, you get **CCA71F**, and if you desaturate by 10%, it is **CCAF47**.

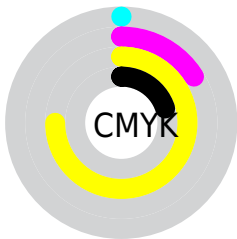
Distribution



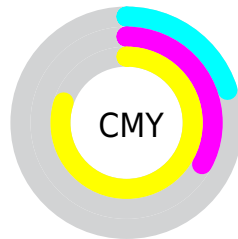
- Red (80%)
- Green (67%)
- Blue (20%)



- Red (36%)
- Yellow (80%)
- Blue (20%)



- Cyan (0%)
- Magenta (16%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (33%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCAB33 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 CCAB33 by changing the saturation by 10% instead.

 CCAB33

 CCAB33

FFFFFF

 AF9112

 FFE26A

 927700

 FFFF85

 765F00

 FFFFA1

 5A4700

 FFFFBD

 3F3100

 FFFFD9

 261D00

 FFFFF7

 050400

 000000

 CCAB33

 CCAB33

■ CCA71F

■ CCAF47

■ CCA20A

■ CCB45C

■ CCA000

■ CCB870

■ CCBD85

■ CCC199

■ CCC5AD

■ CCCAC2

■ CCCED6

■ CCD3EB

Harmonies

Analogous

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



F8964A



CCAB33



93BB45

Triad

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



CCAB33



00C9E5



F387E7

Complementary

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



CCAB33



3354CC

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.



AF9FFF



CCAB33



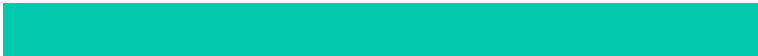
00C2FF

Square

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



CCAB33



00C9AC



09B4FF



FF7AB0

Rectangle

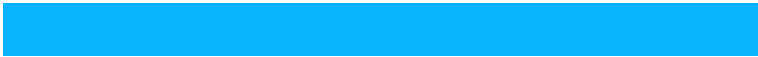
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CCAB33



63C261



09B4FF



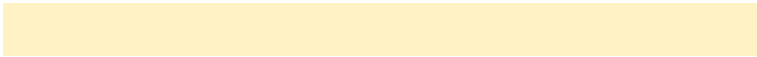
E18FF7

Sweetspot

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



CCAB33



FFF2C4



CC3354



80785C



000000



808080

Same Dimension

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



CCAB33



FFCD19



A1CC33



66645C



A68200



261E00

Inverse Universe

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



3354CC



194BFF



5E33CC



5C5E66



0024A6



000826

Previews

White Background



This preview shows how the Hex color CCAB33 looks on a white background.

Color Contrast Check

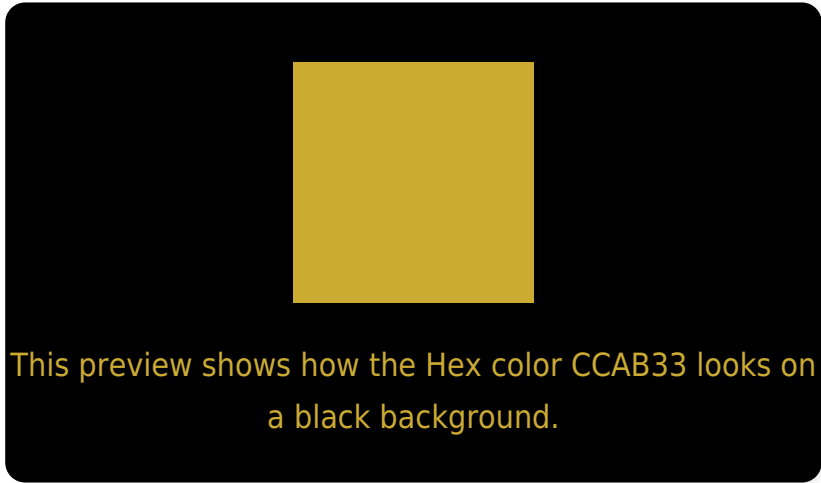
Large Text (above 18pt) WCAG AA × Fail

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 CCAB33 Background



This preview shows how black text looks on a background with the Hex color CCAB33.

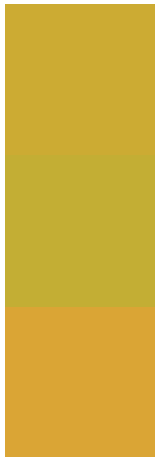


This preview shows how white text looks on a background with the Hex color CCAB33.

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
CCAB33

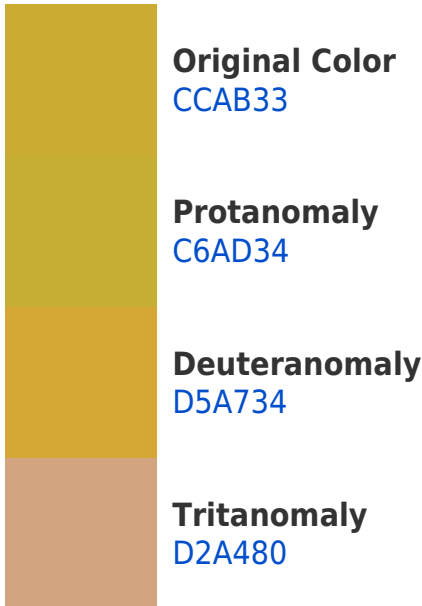
Protanopia
C3AE34

Deuteranopia
DAA535

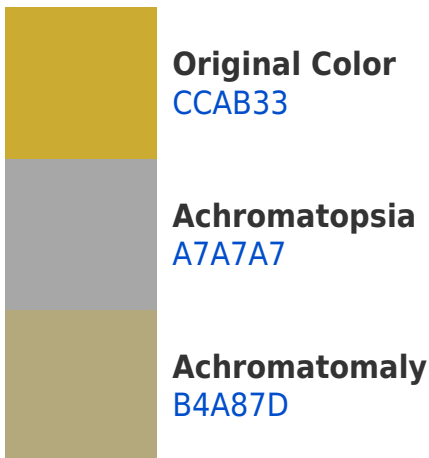


Tritanopia
D5A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCAB33 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 #CCAB33 looks like.

```
.text, #text, p{  
    color:#CCAB33  
}
```

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 #CCAB33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCAB33
}
```

Border

The CSS property to change the border of an element to Hex CCAB33 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
#CCAB33 }
```

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

```
.border{ border-color:#CCAB33 }
```

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

Here you see how a box with a 4 pixel #CCAB33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCAB33; -webkit-box-shadow:4px 4px  
4px 4px #CCAB33; box-shadow:4px 4px 4px  
4px #CCAB33 }
```

Background

The CSS property to change the background color of an element to Hex CCAB33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCAB33 }
```

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

```
.background{ background-color:#CCAB33 }
```

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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