

Converting Colors

Hex(CDB434)

Have a look what the booklet for
Hex(CDB434) contains.

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Color

Hex(CDB434)

Conversions

Conversions Part 1

Format	Color
Hex	CDB434
RGB	205, 180, 52
RGB Percent	80%, 71%, 20%
CMY	0.1961, 0.2941, 0.7961
CMYK	0.00, 0.12, 0.75, 0.20
HSL	50°, 60%, 50%
HSV	50°, 75%, 80%
XYZ	42.1179, 45.8696, 9.8827
YIQ	172.8830, 55.9880, -34.5080

Conversions

Conversions Part 2

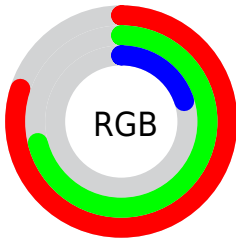
Format	Color
R _Y B	82, 205, 52
Decimal	13481012
CIE Lab	73.46, -4.41, 64.36
CIE LCh	73, 64.513, 93.922
Yxy	45.8696, 0.4303, 0.4687
Android (android.graphics.Color)	4291671092 (0xFFCDB434)
YUV	172.8830, -59.5953, 28.1666
Hunter-Lab	67.7271, -7.5173, 38.7574

Details

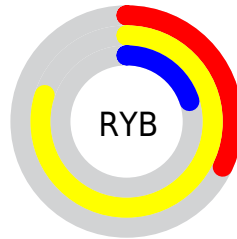
The Hex color **CDB434** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **344DCD**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFEB6C**, and **938000** is the 20% darker color. If you saturate the color by 10%, you get **CDB11F**, and if you desaturate by 10%, it is **CDB749**.

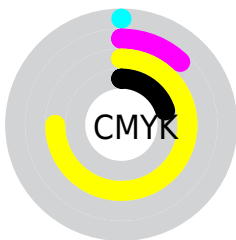
Distribution



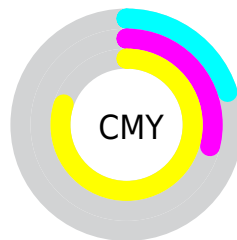
- Red (80%)
- Green (71%)
- Blue (20%)



- Red (32%)
- Yellow (80%)
- Blue (20%)



- Cyan (0%)
- Magenta (12%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDB434 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 CDB434 by changing the saturation by 10% instead.

 CDB434

 CDB434

FFFFFF

 B09912

 FFEB6C

 938000

 FFFF87

 776700

 FFFFA3

 5B4F00


 FFFFBF

 403900

 FFFFDC

 272300

 FFFFF9

 080F00

 000000

 CDB434

 CDB434

 CDB11F

 CDB749

 CDAD0B

 CDBB5D

 CDAC00

 CDBE72

 CDC186

 CDC59B

 CDC8AF

 CDCBC3

 CDCFD8

 CDD2EC

Harmonies

Analogous

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



FD9E48



CDB434



90C44C

Triad

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



CDB434



00D0F5



FF89EA

Complementary

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



CDB434



344DCD

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.



C1A2FF



CDB434



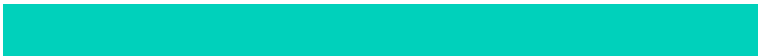
00C8FF

Square

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



CDB434



00D1BB



3EB9FF



FF7EAF

Rectangle

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



CDB434



5ACB6B



3EB9FF



F191FB

Sweetspot

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



CDB434



FFF6C7



CD344E



807A5E



000000



808080

Same Dimension

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



CDB434



FFD919



9ACD34



66645C



A68B00



262000

Inverse Universe

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



344DCD



193FFF



6734CD



5C5D66



001BA6



000626

Previews

White Background



This preview shows how the Hex color CDB434 looks on a white background.

Color Contrast Check

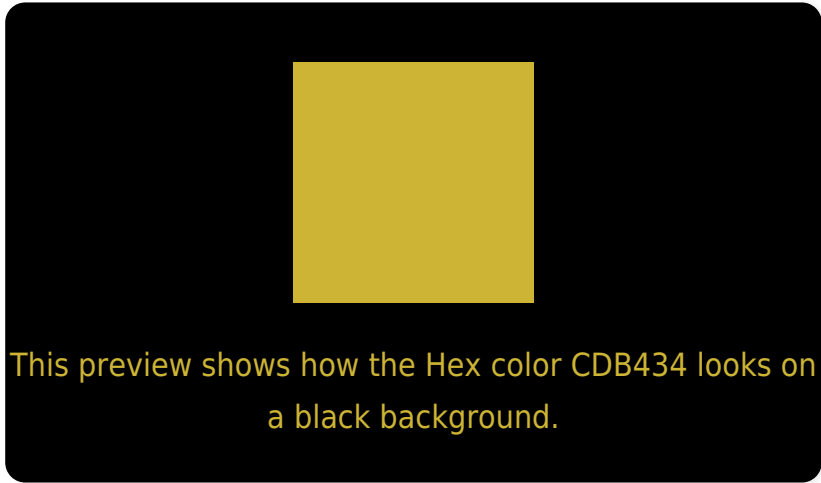
Large Text (above 18pt) WCAG AA × Fail

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 CDB434 Background



This preview shows how black text looks on a background with the Hex color CDB434.

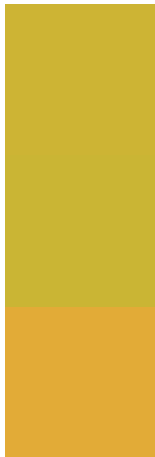


This preview shows how white text looks on a background with the Hex color CDB434.

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
CDB434

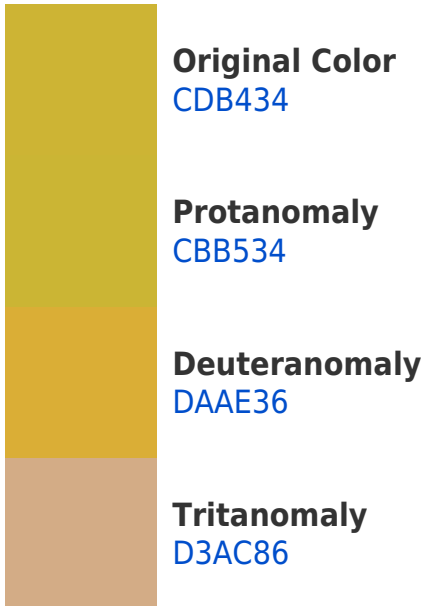
Protanopia
CAB534

Deuteranopia
E2AB37



Tritanopia
D7A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDB434 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 #CDB434 looks like.

```
.text, #text, p{  
    color:#CDB434  
}
```

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 #CDB434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB434
}
```

Border

The CSS property to change the border of an element to Hex CDB434 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
#CDB434 }
```

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

```
.border{ border-color:#CDB434 }
```

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

Here you see how a box with a 4 pixel #CDB434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB434; -webkit-box-shadow:4px 4px  
4px 4px #CDB434; box-shadow:4px 4px 4px  
4px #CDB434 }
```

Background

The CSS property to change the background color of an element to Hex CDB434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB434 }
```

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

```
.background{ background-color:#CDB434 }
```

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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