

Converting Colors

Hex(CDB246)

Have a look what the booklet for
Hex(CDB246) contains.

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Color

Hex(CDB246)

Conversions

Conversions Part 1

Format	Color
Hex	CDB246
RGB	205, 178, 70
RGB Percent	80%, 70%, 27%
CMY	0.1961, 0.3020, 0.7255
CMYK	0.00, 0.13, 0.66, 0.20
HSL	48°, 57%, 54%
HSV	48°, 66%, 80%
XYZ	42.2027, 45.2621, 12.3065
YIQ	173.7610, 50.7600, -27.8640

Conversions

Conversions Part 2

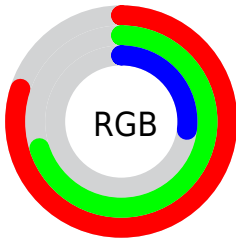
Format	Color
RYB	104, 205, 70
Decimal	13480518
CIELab	73.06, -2.45, 56.86
CIElCh	73, 56.913, 92.465
Yxy	45.2621, 0.4230, 0.4537
Android (android.graphics.Color)	4291670598 (0xFFCDB246)
YUV	173.7610, -51.1542, 27.3966
Hunter-Lab	67.2771, -5.7625, 36.2485

Details

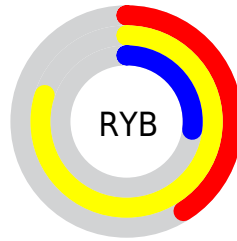
The Hex color **CDB246** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4661CD**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE97B**, and **937E08** is the 20% darker color. If you saturate the color by 10%, you get **CDAE32**, and if you desaturate by 10%, it is **CDB65A**.

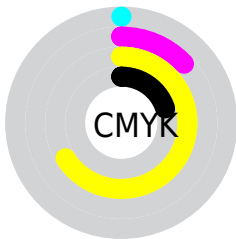
Distribution



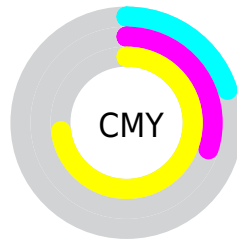
- Red (80%)
- Green (70%)
- Blue (27%)



- Red (41%)
- Yellow (80%)
- Blue (27%)



- Cyan (0%)
- Magenta (13%)
- Yellow (66%)
- Black (20%)



- Cyan (20%)
- Magenta (30%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDB246 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 CDB246 by changing the saturation by 10% instead.



CDB246



CDB246

FFFFFF



B0972B



FFE97B



937E08



FFFF96



776500



FFFFB2



5D4D00



FFFCE



423700



FFFEB



282200



0B0C00



000000



CDB246



CDB246

 CDAE32

 CDB65A

 CDAA1D

 CDBA6F

 CDA608

 CDBE84

 CDA400

 CDC298

 CDC7AD

 CDCBC1

 CDCFD6

 CDD3EA

 CDD7FF

Harmonies

Analogous

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



F79F57



CDB246



97C157

Triad

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



CDB246



00CCEA



F790E4

Complementary

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



CDB246



4661CD

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.



BCA4FF



CDB246



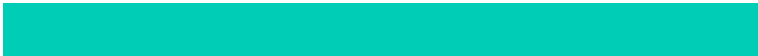
00C5FF

Square

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



CDB246



00CDB6



56B8FF



FF86B1

Rectangle

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



CDB246



6BC771



56B8FF



E796F4

Sweetspot

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



CDB246



FFF5CC



CD4661



807961



000000



808080

Same Dimension

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



CDB246



FFD736



A7CD46



66645C



A68500



261F00

Inverse Universe

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



4661CD



365EFF



6E46CD



5C5E66



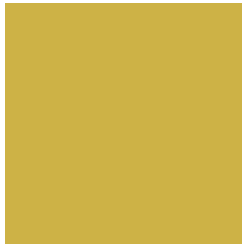
0021A6



000826

Previews

White Background



This preview shows how the Hex color CDB246 looks on a white background.

Color Contrast Check

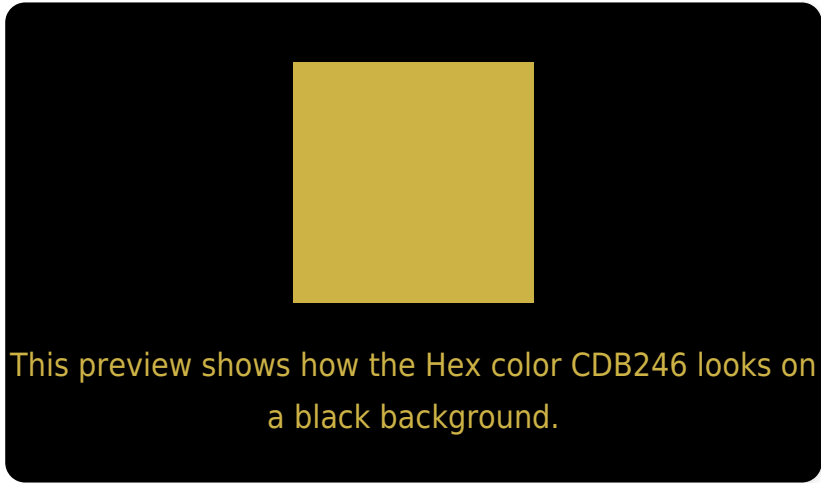
Large Text (above 18pt) WCAG AA × Fail

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 CDB246 Background



This preview shows how black text looks on a background with the Hex color CDB246.



This preview shows how white text looks on a background with the Hex color CDB246.

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
CDB246

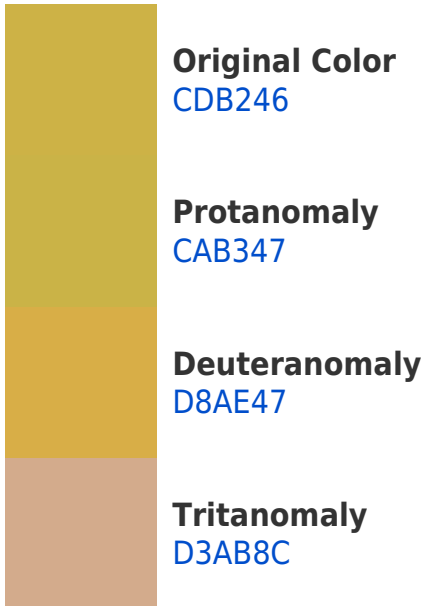
Protanopia
C8B447

Deuteranopia
DFAB48



Tritanopia
D6A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDB246 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 #CDB246 looks like.

```
.text, #text, p{  
    color:#CDB246  
}
```

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 #CDB246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB246
}
```

Border

The CSS property to change the border of an element to Hex CDB246 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
#CDB246 }
```

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

```
.border{ border-color:#CDB246 }
```

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

Here you see how a box with a 4 pixel #CDB246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB246; -webkit-box-shadow:4px 4px  
4px 4px #CDB246; box-shadow:4px 4px 4px  
4px #CDB246 }
```

Background

The CSS property to change the background color of an element to Hex CDB246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB246 }
```

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

```
.background{ background-color:#CDB246 }
```

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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