

# Converting Colors

Hex(CDB975)

Have a look what the booklet for  
Hex(CDB975) contains.

<b>Hex(CDB975)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CDB975)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDB975
RGB	205, 185, 117
RGB Percent	80%, 73%, 46%
CMY	0.1961, 0.2745, 0.5412
CMYK	0.00, 0.10, 0.43, 0.20
HSL	46°, 47%, 63%
HSV	46°, 43%, 80%
XYZ	45.7367, 48.9614, 23.8695
YIQ	183.2280, 33.7480, -16.9080

# Conversions

## Conversions Part 2

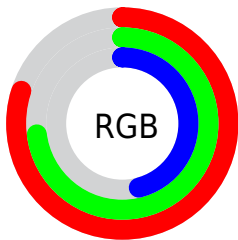
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 205, 117
Decimal	13482357
CIELab	75.43, -2.27, 37.04
CIElCh	75, 37.109, 93.508
Yxy	48.9614, 0.3857, 0.4129
Android (android.graphics.Color)	4291672437 (0xFFCDB975)
YUV	183.2280, -32.6504, 19.0940
Hunter-Lab	69.9724, -5.7773, 28.7552

# Details

The Hex color **CDB975** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7589CD**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF1AA**, and **958443** is the 20% darker color. If you saturate the color by 10%, you get **CDB461**, and if you desaturate by 10%, it is **CDBE8A**.

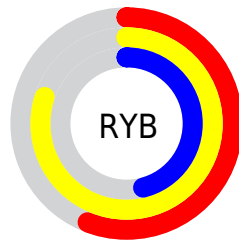
# Distribution



Red (80%)

Green (73%)

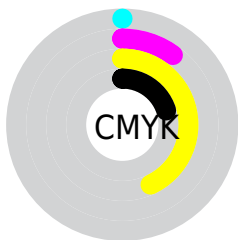
Blue (46%)



Red (56%)

Yellow (80%)

Blue (46%)

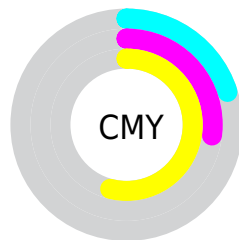


Cyan (0%)

Magenta (10%)

Yellow (43%)

Black (20%)



Cyan (20%)

Magenta (27%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDB975 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 CDB975 by changing the saturation by 10% instead.



 CDB975

 CDB975

FFFFFF

 B19E5C

 FFF1AA

 958443

 FFFFC6

 7A6B2B

 FFFFE2

 605313

 473C00

 2E2700

 151200

 000000

 CDB975

 CDB975

 CDB461

 CDBE8A

 CDB04C

 CDC29E

 CDAB37

 CDC7B3

 CDA623

 CDCCC7

 CDA20E

 CDD0DC

 CD9E00

 CDD5F0

 CDDAFF

 CDDEFF

 CDE3FF

# Harmonies

## Analogous

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



EAAD7D



CDB975



A9C380

# Triad

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



CDB975



3BCBDE



E9A4D9

# Complementary

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



CDB975



7589CD

# 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.



C3AFF3



CDB975



5AC5F6

# Square

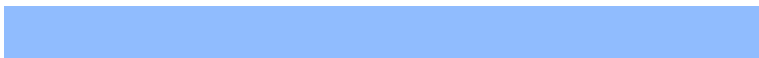
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDB975



55CCBD



90BCFE



FBA0B7

# Rectangle

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



CDB975



8EC890



90BCFE



DEA8E3



# Sweetspot

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



CDB975



FFF7DE



CD758A



807B6B



000000



808080



# Same Dimension

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



CDB975



FFE17A



B6CD75



66645C



A68000



261E00



# Inverse Universe

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



7589CD



7A99FF



8C75CD



5C5E66



0026A6



000926



# Previews

## White Background



This preview shows how the Hex color CDB975 looks on a white background.

## Color Contrast Check

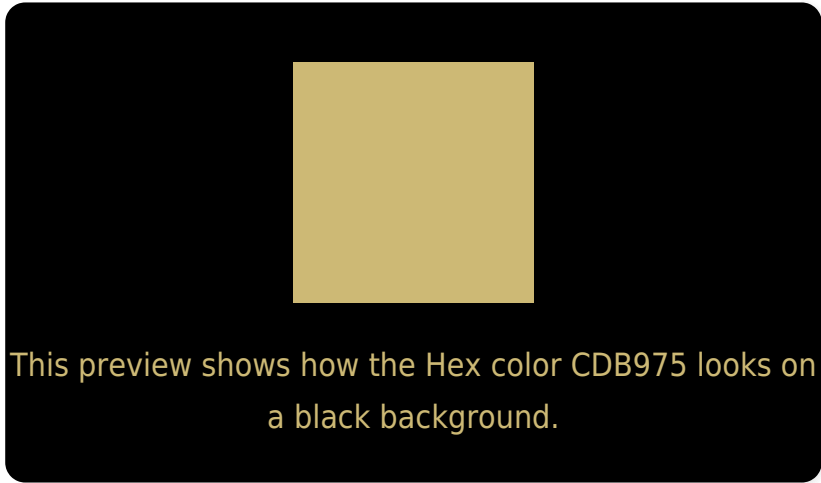
Large Text (above 18pt) WCAG AA × Fail

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

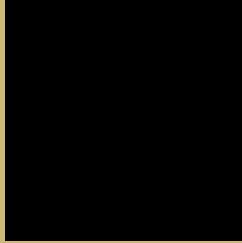
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

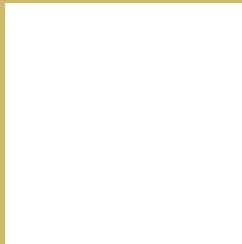
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDB975 Background



This preview shows how black text looks on a background with the Hex color CDB975.

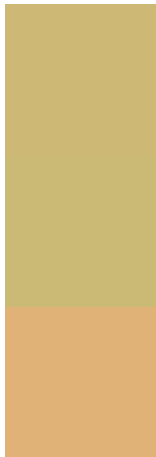


This preview shows how white text looks on a background with the Hex color CDB975.

# 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**  
CDB975

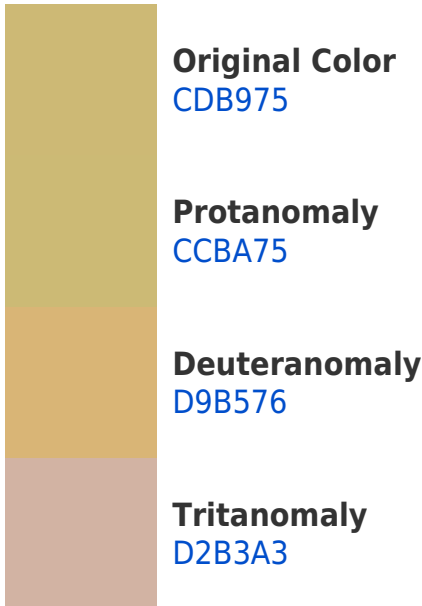
**Protanopia**  
CBBA75

**Deuteranopia**  
E0B277



**Tritanopia**  
D5B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDB975 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 #CDB975 looks like.

```
.text, #text, p{  
    color:#CDB975  
}
```

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 #CDB975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB975  
}
```

## Border

The CSS property to change the border of an element to Hex CDB975 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  
#CDB975 }
```

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

```
.border{ border-color:#CDB975 }
```

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

Here you see how a box with a 4 pixel #CDB975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB975; -webkit-box-shadow:4px 4px  
4px 4px #CDB975; box-shadow:4px 4px 4px  
4px #CDB975 }
```

# Background

The CSS property to change the background color of an element to Hex CDB975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB975 }
```

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

```
.background{ background-color:#CDB975 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor