

# Converting Colors

Hex(CDB19E)

Have a look what the booklet for  
Hex(CDB19E) contains.

<b>Hex(CDB19E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(CDB19E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDB19E
RGB	205, 177, 158
RGB Percent	80%, 69%, 62%
CMY	0.1961, 0.3059, 0.3804
CMYK	0.00, 0.14, 0.23, 0.20
HSL	24°, 32%, 71%
HSV	24°, 23%, 80%
XYZ	47.0705, 46.8920, 38.9179
YIQ	183.2060, 22.7870, 0.0270

# Conversions

## Conversions Part 2

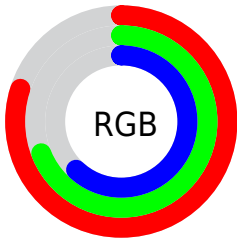
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 190, 158
Decimal	13480350
CIE <sub>Lab</sub>	74.12, 7.13, 13.44
CIE <sub>LCh</sub>	74, 15.220, 62.047
Yxy	46.8920, 0.3542, 0.3529
Android (android.graphics.Color)	4291670430 (0xFFCDB19E)
YUV	183.2060, -12.4266, 19.1133
Hunter-Lab	68.4778, 2.8620, 14.2382

# Details

The Hex color **CDB19E** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9EBACD**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFE9D5**, and **967C6B** is the 20% darker color. If you saturate the color by 10%, you get **CDA58A**, and if you desaturate by 10%, it is **CDBDB3**.

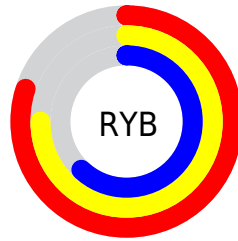
# Distribution



Red (80%)

Green (69%)

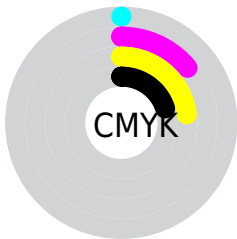
Blue (62%)



Red (80%)

Yellow (75%)

Blue (62%)

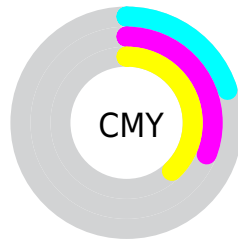


Cyan (0%)

Magenta (14%)

Yellow (23%)

Black (20%)



Cyan (20%)

Magenta (31%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDB19E 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 CDB19E by changing the saturation by 10% instead.





CDB19E



CDB19E

FFFFFF



B19684



FFE9D5



967C6B



FFFFF1



7C6452



634C3B



4A3525



332011



1E0900



000000



CDB19E



CDB19E

 CDA58A

 CDBDB3

 CD9975

 CDC9C7

 CD8C61

 CDD6DC

 CD804C

 CDE2F0

 CD7437

 CDEEFF

 CD6823

 CDFAFF

 CD5C0E

 CDFFFF

 CD5300

# Harmonies

## Analogous

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



D4AEA8



CDB19E



C1B69A

# Triad

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



CDB19E



96BEB7



BAB2CE

# Complementary

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



CDB19E



9EBACD

# 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.



A8B7D2



CDB19E



92BEC4

# Square

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



CDB19E



A1BDA9



99BBCE



CAAEC4

# Rectangle

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



CDB19E



B6B99C



99BBCE



B4B4D0

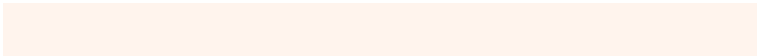


# Sweetspot

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



CDB19E



FFF4ED



CD9EBA



807975



000000



808080



# Same Dimension

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



CDB19E



FFD4B8



CDC89E



66605C



A64300



260F00

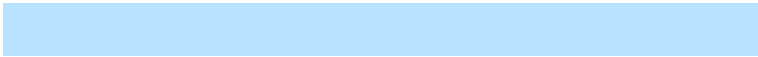


# Inverse Universe

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



9EBACD



B8E2FF



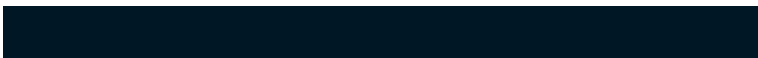
9EA3CD



5C6266



0063A6



001726



# Previews

## White Background



This preview shows how the Hex color CDB19E 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



This preview shows how the Hex color CDB19E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

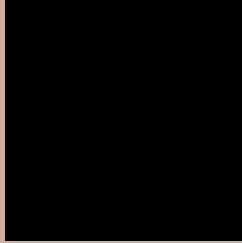
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDB19E Background



This preview shows how black text looks on a background with the Hex color CDB19E.



This preview shows how white text looks on a background with the Hex color CDB19E.

# 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





# Trichromacy



**Original Color**  
CDB19E

**Protanomaly**  
C4B49F

**Deuteranomaly**  
D0B09E

**Tritanomaly**  
CFAEB0

# Monochromacy



**Original Color**  
CDB19E

**Achromatopsia**  
B7B7B7

**Achromatomaly**  
BFB5AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDB19E 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 #CDB19E looks like.

```
.text, #text, p{  
    color:#CDB19E  
}
```

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 #CDB19E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB19E
}
```

## Border

The CSS property to change the border of an element to Hex CDB19E 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
#CDB19E }
```

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

```
.border{ border-color:#CDB19E }
```

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

Here you see how a box with a 4 pixel #CDB19E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB19E; -webkit-box-shadow:4px 4px  
4px 4px #CDB19E; box-shadow:4px 4px 4px  
4px #CDB19E }
```

# Background

The CSS property to change the background color of an element to Hex CDB19E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB19E }
```

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

```
.background{ background-color:#CDB19E }
```

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