

# Converting Colors

Hex(D8BEB5)

Have a look what the booklet for  
Hex(D8BEB5) contains.

<b>Hex(D8BEB5)</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(D8BEB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8BEB5
RGB	216, 190, 181
RGB Percent	85%, 75%, 71%
CMY	0.1529, 0.2549, 0.2902
CMYK	0.00, 0.12, 0.16, 0.15
HSL	15°, 31%, 78%
HSV	15°, 16%, 85%
XYZ	55.0728, 54.7620, 51.3835
YIQ	196.7480, 18.3850, 2.7130

# Conversions

## Conversions Part 2

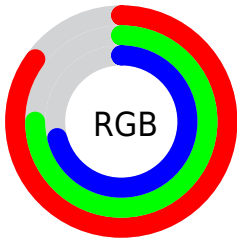
Format	Color
RYB	216, 193, 181
Decimal	14204597
CIELab	78.90, 7.77, 7.92
CIELCh	79, 11.094, 45.532
Yxy	54.7620, 0.3416, 0.3397
Android (android.graphics.Color)	4292394677 (0xFFD8BEB5)
YUV	196.7480, -7.7638, 16.8840
Hunter-Lab	74.0014, 3.3398, 10.6324

# Details

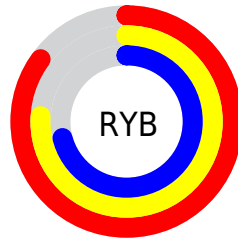
The Hex color **D8BEB5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B5CFD8**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF6ED**, and **A18980** is the 20% darker color. If you saturate the color by 10%, you get **D8AE9F**, and if you desaturate by 10%, it is **D8CECB**.

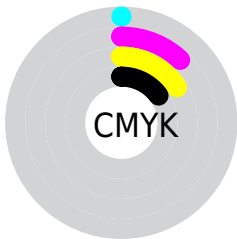
# Distribution



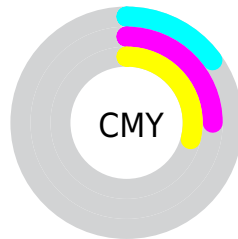
- Red (85%)
- Green (75%)
- Blue (71%)



- Red (85%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8BEB5 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 D8BEB5 by changing the saturation by 10% instead.



 D8BEB5

 D8BEB5

FFFFFF

 BCA39A

 FFF6ED

 A18980

 866F67

 6D574F

 544038

 3D2A23

 26150D

 080000

 000000

 D8BEB5

 D8BEB5

 D8AE9F

 D8CECB

 D89E8A

 D8DEE0

 D88E74

 D8EEF6

 D87E5F

 D8FEFF

 D86E49

 D8FFFF

 D85E33

 D84E1E

 D83E08

 D83800

# Harmonies

## Analogous

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



DABCBE



D8BEB5



D1C1B0

# Triad

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



D8BEB5



B0C9BE



BFC2D7

# Complementary

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



D8BEB5



B5CFD8

# 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.



B3C6D7



D8BEB5



AACAC8

# Square

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



D8BEB5



BAC7B5



ABC8D2



CCBFD2

# Rectangle

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



D8BEB5



CAC3AF



ABC8D2



BBC4D8

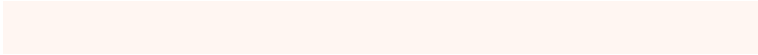


# Sweetspot

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



D8BEB5



FFF6F2



D8B5CF



807A78



000000



808080

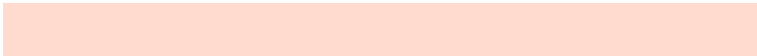


# Same Dimension

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



D8BEB5



FFDBC9



D8CFB5



6B6360



AB2C00



2B0B00

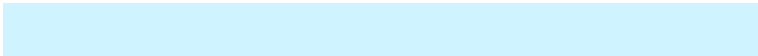


# Inverse Universe

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



B5CFD8



CFF3FF



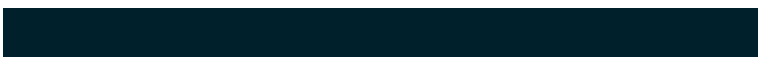
B5BED8



60686B



007FAB

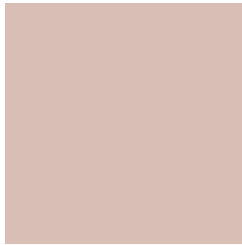


00202B



# Previews

## White Background



This preview shows how the Hex color D8BEB5 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 D8BEB5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

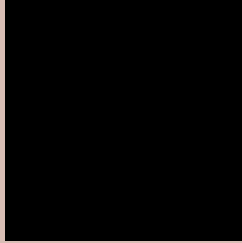
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D8BEB5 Background



This preview shows how black text looks on a background with the Hex color D8BEB5.

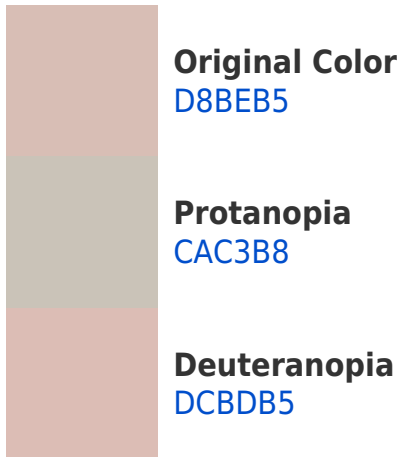


This preview shows how white text looks on a background with the Hex color D8BEB5.

# 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**  
D8BEB5

**Protanomaly**  
CFC1B7

**Deuteranomaly**  
DBBDB5

**Tritanomaly**  
DABCC2

# Monochromacy



**Original Color**  
D8BEB5

**Achromatopsia**  
C5C5C5

**Achromatomaly**  
CCC2BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8BEB5 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 #D8BEB5 looks like.

```
.text, #text, p{  
    color:#D8BEB5  
}
```

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 #D8BEB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8BEB5  
}
```

## Border

The CSS property to change the border of an element to Hex D8BEB5 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  
#D8BEB5 }
```

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

```
.border{ border-color:#D8BEB5 }
```

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

Here you see how a box with a 4 pixel #D8BEB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8BEB5; -webkit-box-shadow:4px 4px  
4px 4px #D8BEB5; box-shadow:4px 4px 4px  
4px #D8BEB5 }
```

# Background

The CSS property to change the background color of an element to Hex D8BEB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8BEB5 }
```

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

```
.background{ background-color:#D8BEB5 }
```

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