

# Converting Colors

Hex(C6DBD3)

Have a look what the booklet for  
Hex(C6DBD3) contains.

<b>Hex(C6DBD3)</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(C6DBD3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6DBD3
RGB	198, 219, 211
RGB Percent	78%, 86%, 83%
CMY	0.2235, 0.1412, 0.1725
CMYK	0.10, 0.00, 0.04, 0.14
HSL	157°, 23%, 82%
HSV	157°, 10%, 86%
XYZ	60.3781, 67.3720, 71.4498
YIQ	211.8090, -9.9480, -6.9400

# Conversions

## Conversions Part 2

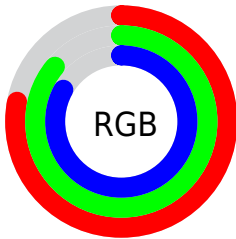
Format	Color
R <sub>YB</sub>	198, 211, 219
Decimal	13032403
CIE Lab	85.69, -8.51, 1.53
CIE LCh	86, 8.645, 169.789
Yxy	67.3720, 0.3031, 0.3382
Android (android.graphics.Color)	4291222483 (0xFFC6DBD3)
YUV	211.8090, -0.3988, -12.1105
Hunter-Lab	82.0804, -12.3367, 5.8452

# Details

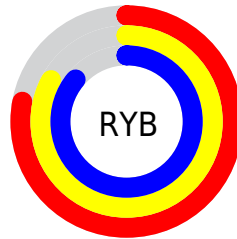
The Hex color **C6DBD3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DBC6CE**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFFF**, and **90A49D** is the 20% darker color. If you saturate the color by 10%, you get **B0DBC8**, and if you desaturate by 10%, it is **DCDBDB**.

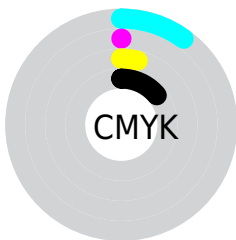
# Distribution



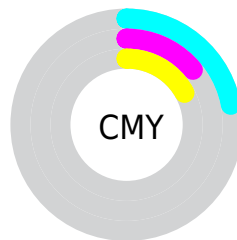
- Red (78%)
- Green (86%)
- Blue (83%)



- Red (78%)
- Yellow (83%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6DBD3 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 C6DBD3 by changing the saturation by 10% instead.



 C6DBD3

FFFFFF

 C6DBD3

 ABBFB7

 90A49D

 768A82

 5E7069

 465851

 2F413A

 1A2A25

 001610

 000000

 C6DBD3

 C6DBD3

 B0DBC B

 DCDBDB

 9ADBC2

 F2DBE4

 84DBBA

 FFDBEC

 6EDBB2

 FFDBF4

 59DBA9

 FFDBFD

 43DBA1

 FFDBFF

 2DDB99

 17DB90

 01DB88

# Harmonies

## Analogous

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



CEDACB



C6DBD3



C2DBDB

# Triad

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



C6DBD3



D5D5E5



E6D2CA

# Complementary

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



C6DBD3



DBC6CE

# 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.



E8D1D1



C6DBD3



DED3E1

# Square

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



C6DBD3



CBD8E6



E5D1D9



E0D5C6

# Rectangle

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



C6DBD3



C3DAE0



E5D1D9



E8D2CC



# Sweetspot

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



C6DBD3



F7FFFC



CEDBC6



7A807E



000000



808080

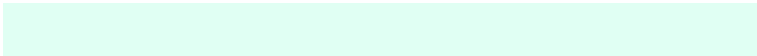


# Same Dimension

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



C6DBD3



E0FFF3



C6D9DB



636E69



00AD6B



002E1C



# Inverse Universe

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



DBC6CE



FFE0EC



DBC8C6



6E6367



AD0042

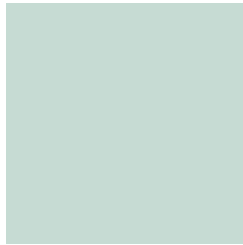


2E0011



# Previews

## White Background



This preview shows how the Hex color C6DBD3 looks on a white background.

## Color Contrast Check

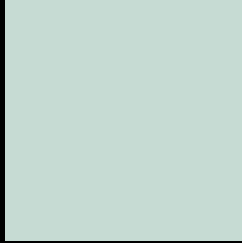
Large Text (above 18pt) WCAG AA × Fail

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 C6DBD3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

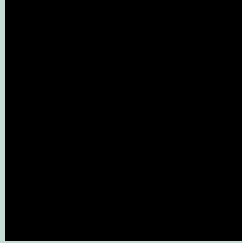
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

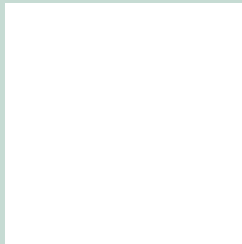
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C6DBD3 Background



This preview shows how black text looks on a background with the Hex color C6DBD3.

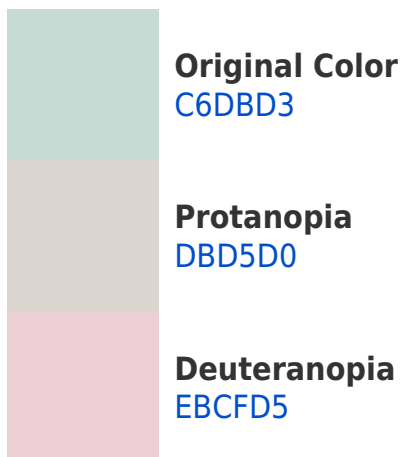


This preview shows how white text looks on a background with the Hex color C6DBD3.

# 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





**Tritanopia**  
CAD8E9

# Trichromacy



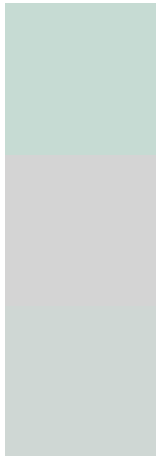
**Original Color**  
C6DBD3

**Protanomaly**  
D3D7D1

**Deuteranomaly**  
DED3D4

**Tritanomaly**  
C9D9E1

# Monochromacy



**Original Color**  
C6DBD3

**Achromatopsia**  
D4D4D4

**Achromatomaly**  
CFD7D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6DBD3 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 #C6DBD3 looks like.

```
.text, #text, p{  
    color:#C6DBD3  
}
```

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 #C6DBD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6DBD3
}
```

## Border

The CSS property to change the border of an element to Hex C6DBD3 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
#C6DBD3 }
```

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

```
.border{ border-color:#C6DBD3 }
```

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

Here you see how a box with a 4 pixel `#C6DBD3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6DBD3; -webkit-box-shadow:4px 4px  
4px 4px #C6DBD3; box-shadow:4px 4px 4px  
4px #C6DBD3 }
```

# Background

The CSS property to change the background color of an element to Hex C6DBD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6DBD3 }
```

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

```
.background{ background-color:#C6DBD3 }
```

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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