

# Converting Colors

Hex(CBE5C6)

Have a look what the booklet for  
Hex(CBE5C6) contains.

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# **Color**

**Hex(CBE5C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBE5C6
RGB	203, 229, 198
RGB Percent	80%, 90%, 78%
CMY	0.2039, 0.1020, 0.2235
CMYK	0.11, 0.00, 0.14, 0.10
HSL	110°, 37%, 84%
HSV	110°, 14%, 90%
XYZ	62.8410, 72.8123, 64.1682
YIQ	217.6920, -5.5450, -15.1530

# Conversions

## Conversions Part 2

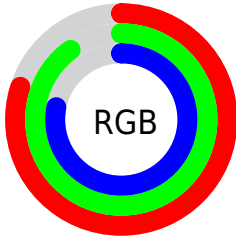
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 229, 224
Decimal	13362630
CIELab	88.36, -14.24, 12.25
CIELCh	88, 18.779, 139.295
Yxy	72.8123, 0.3145, 0.3644
Android (android.graphics.Color)	4291552710 (0xFFCBE5C6)
YUV	217.6920, -9.7082, -12.8849
Hunter-Lab	85.3302, -17.8724, 15.1451

# Details

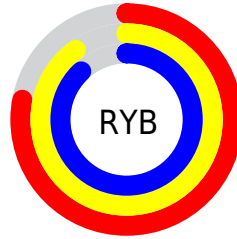
The Hex color **CBE5C6** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E0C6E5**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **95AE90** is the 20% darker color. If you saturate the color by 10%, you get **B8E5AF**, and if you desaturate by 10%, it is **DEE5DD**.

# Distribution



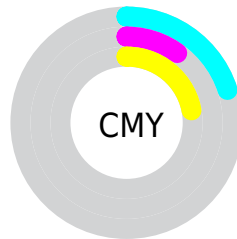
- Red (80%)
- Green (90%)
- Blue (78%)



- Red (78%)
- Yellow (90%)
- Blue (88%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBE5C6 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 CBE5C6 by changing the saturation by 10% instead.



 CBE5C6

FFFFFF

 CBE5C6

 AFC9AB

 95AE90

 7B9376

 62795E

 4A6046

 334830

 1D321B

 071D00

 000000

 CBE5C6

 CBE5C6

 B8E5AF

 DEE5DD

 A5E598

 F1E5F4

 91E581

 FFE5FF

 7EE56A

 6BE554

 58E53D

 45E526

 31E50F

 25E500

# Harmonies

## Analogous

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



E0E0BC



CBE5C6



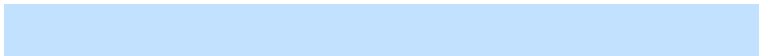
B9E8D6

# Triad

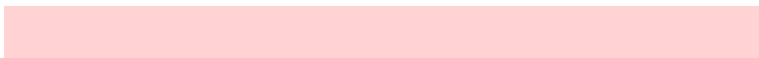
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CBE5C6



C2E1FF



FFD2D3

# Complementary

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



CBE5C6



E0C6E5

# 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.



FED2E5



CBE5C6



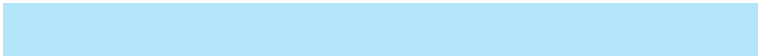
D9DBFF

# Square

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



CBE5C6



B3E6F8



EFD6F5



FFD5C3

# Rectangle

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



CBE5C6



B1E8E3



EFD6F5



FFD1D9



# Sweetspot

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



CBE5C6



F6FFF5



E5E0C6



7A8079



000000



808080

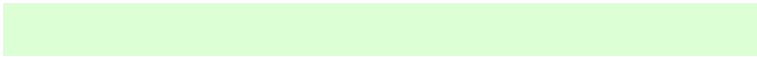


# Same Dimension

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



CBE5C6



DDFFD6



C6E5D0



697367



1DB300



083300



# Inverse Universe

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



E0C6E5



F8D6FF



E5C6DB



716773



9600B3

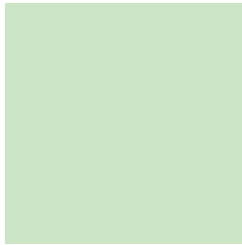


2B0033



# Previews

## White Background



This preview shows how the Hex color CBE5C6 looks on a white background.

## Color Contrast Check

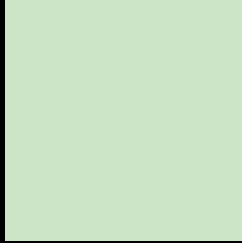
Large Text (above 18pt) WCAG AA × Fail

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 CBE5C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

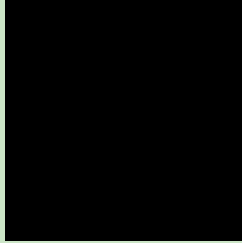
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

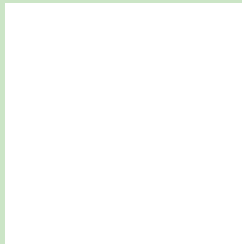
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBE5C6 Background



This preview shows how black text looks on a background with the Hex color CBE5C6.

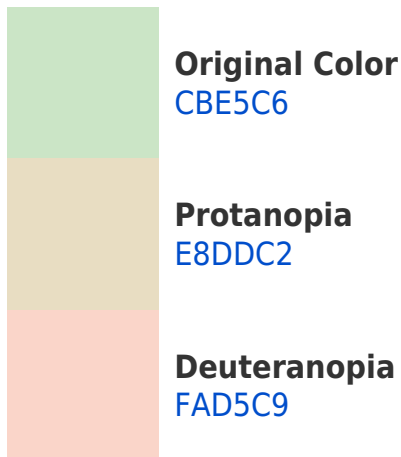


This preview shows how white text looks on a background with the Hex color CBE5C6.

# 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](#).

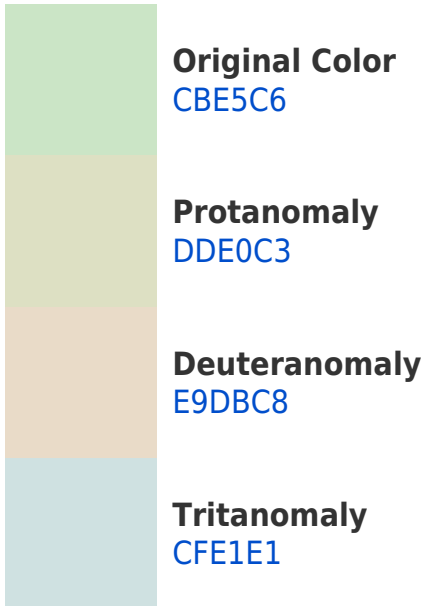
## Dichromacy



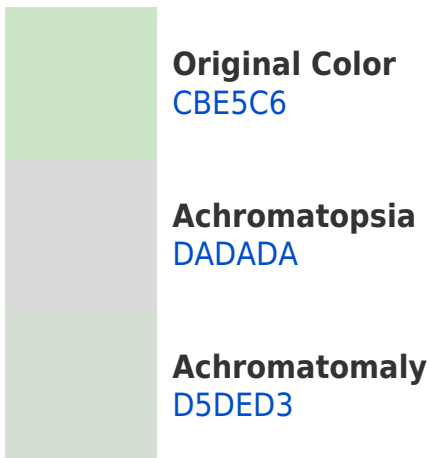


**Tritanopia**  
D2DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBE5C6 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 #CBE5C6 looks like.

```
.text, #text, p{  
    color:#CBE5C6  
}
```

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 #CBE5C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBE5C6  
}
```

## Border

The CSS property to change the border of an element to Hex CBE5C6 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  
#CBE5C6 }
```

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

```
.border{ border-color:#CBE5C6 }
```

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

Here you see how a box with a 4 pixel #CBE5C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBE5C6; -webkit-box-shadow:4px 4px  
4px 4px #CBE5C6; box-shadow:4px 4px 4px  
4px #CBE5C6 }
```

# Background

The CSS property to change the background color of an element to Hex CBE5C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBE5C6 }
```

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

```
.background{ background-color:#CBE5C6 }
```

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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