

# Converting Colors

Hex(CABEC8)

Have a look what the booklet for  
Hex(CABEC8) contains.

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# **Color**

**Hex(CABEC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CABEC8
RGB	202, 190, 200
RGB Percent	79%, 75%, 78%
CMY	0.2078, 0.2549, 0.2157
CMYK	0.00, 0.06, 0.01, 0.21
HSL	310°, 10%, 77%
HSV	310°, 6%, 79%
XYZ	53.1959, 53.5536, 62.1767
YIQ	194.7280, 3.9420, 5.6540

# Conversions

## Conversions Part 2

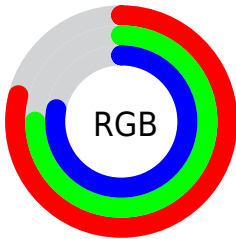
Format	Color
R <sub>Y</sub> B	202, 190, 200
Decimal	13287112
CIE Lab	78.20, 6.01, -3.51
CIE LCh	78, 6.963, 329.704
Yxy	53.5536, 0.3149, 0.3170
Android (android.graphics.Color)	4291477192 (0xFFCABEC8)
YUV	194.7280, 2.5991, 6.3775
Hunter-Lab	73.1803, 1.6888, 0.8512

# Details

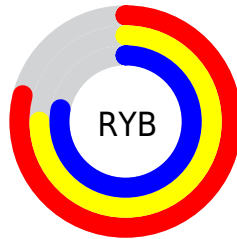
The Hex color **CABEC8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BECAC0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF6FF**, and **948992** is the 20% darker color. If you saturate the color by 10%, you get **CAAAC5**, and if you desaturate by 10%, it is **CAD2CB**.

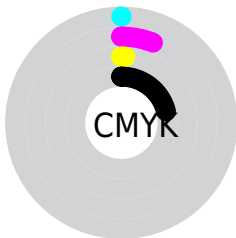
# Distribution



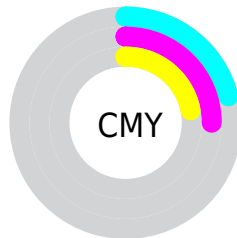
- Red (79%)
- Green (75%)
- Blue (78%)



- Red (79%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (21%)



- Cyan (21%)
- Magenta (25%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CABEC8 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 CABEC8 by changing the saturation by 10% instead.



 CABEC8

FFFFFF


 FFF6FF

 CABEC8

 AFA3AD

 948992

 7A6F78

 615760

 4A4048

 332A32

 1E151D

 000001

 000000

 CABEC8

 CABEC8

 CAAAC5

 CAD2CB

 CA96C1

 CAE6CF

 CA81BE

 CAFBD2

 CA6DBB

 CAFFD5

 CA59B7

 CAFFD9

 CA45B4

 CAFFDC

 CA31B0

 CAFFE0

 CA1CAD

 CAFFE3

 CA08AA

 CAFFE6

# Harmonies

## Analogous

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



C3C0CD



CABEC8



CFBDC2

# Triad

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



CABEC8



C7C1B5



B2C5C7

# Complementary

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



CABEC8



BECAC0

# 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.



B3C5C1



CABEC8



C0C3B6

# Square

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



CABEC8



CDBFB6



B8C5BB



B5C4CC

# Rectangle

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



CABEC8



D0BDBD



B8C5BB



B2C5C5



# Sweetspot

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



CABEC8



FFFAFE



C0BECA



807D7F



000000



808080



# Same Dimension

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



CABEC8



FFEDFC



CABEC2



665E65



A6008A



260020



# Inverse Universe

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



CABEC8



FFEDFC



BECAC6



665E65



A6008A

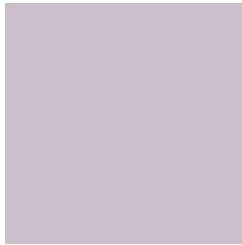


260020



# Previews

## White Background



This preview shows how the Hex color CABEC8 looks on a white background.

## Color Contrast Check

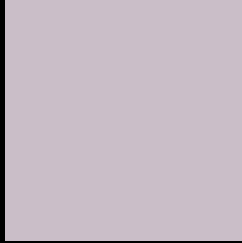
Large Text (above 18pt) WCAG AA × Fail

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 CABEC8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

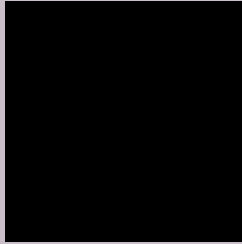
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

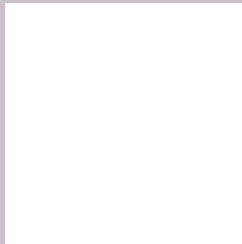
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CABEC8 Background



This preview shows how black text looks on a background with the Hex color CABEC8.



This preview shows how white text looks on a background with the Hex color CABEC8.

# 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**  
CABEC8

**Protanopia**  
C3C0C9

**Deuteranopia**  
D1BCC8



# Trichromacy



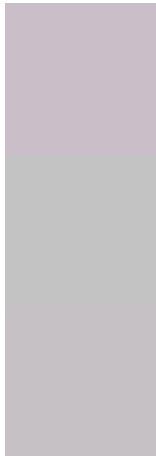
**Original Color**  
CABEC8

**Protanomaly**  
C6BFC9

**Deuteranomaly**  
CEBDC8

**Tritanomaly**  
CBBDCB

# Monochromacy



**Original Color**  
CABEC8

**Achromatopsia**  
C3C3C3

**Achromatomaly**  
C6C1C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CABEC8 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 #CABEC8 looks like.

```
.text, #text, p{  
    color:#CABEC8  
}
```

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 #CABEC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CABEC8  
}
```

## Border

The CSS property to change the border of an element to Hex CABEC8 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  
#CABEC8 }
```

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

```
.border{ border-color:#CABEC8 }
```

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

Here you see how a box with a 4 pixel #CABEC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CABEC8; -webkit-box-shadow:4px 4px  
4px 4px #CABEC8; box-shadow:4px 4px 4px  
4px #CABEC8 }
```

# Background

The CSS property to change the background color of an element to Hex CABEC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CABEC8 }
```

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

```
.background{ background-color:#CABEC8 }
```

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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