

# Converting Colors

Hex(BACCC9)

Have a look what the booklet for  
Hex(BACCC9) contains.

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# **Color**

**Hex(BACCC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BACCC9
RGB	186, 204, 201
RGB Percent	73%, 80%, 79%
CMY	0.2706, 0.2000, 0.2118
CMYK	0.09, 0.00, 0.01, 0.20
HSL	170°, 15%, 76%
HSV	170°, 9%, 80%
XYZ	52.3852, 57.8419, 63.6619
YIQ	198.2760, -9.7650, -4.7490

# Conversions

## Conversions Part 2

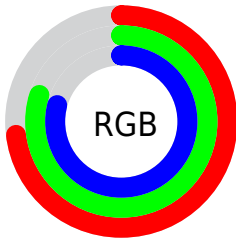
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 196, 204
Decimal	12242121
CIELab	80.65, -6.65, -0.60
CIELCh	81, 6.679, 185.148
Yxy	57.8419, 0.3013, 0.3326
Android (android.graphics.Color)	4290432201 (0xFFBACCC9)
YUV	198.2760, 1.3429, -10.7661
Hunter-Lab	76.0538, -10.1451, 3.6082

# Details

The Hex color **BACCC9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CCBABD**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **F2FFFF**, and **859693** is the 20% darker color. If you saturate the color by 10%, you get **A6CCC6**, and if you desaturate by 10%, it is **CECCCC**.

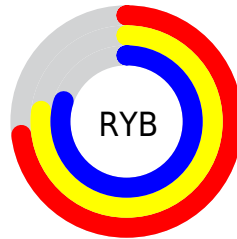
# Distribution



Red (73%)

Green (80%)

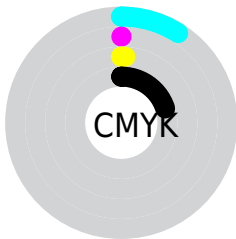
Blue (79%)



Red (73%)

Yellow (77%)

Blue (80%)

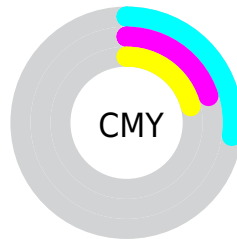


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BACCC9 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 BACCC9 by changing the saturation by 10% instead.



 BACCC9

FFFFFF

 F2FFFF

 BACCC9

 9FB1AE


 859693

 6B7C79

 536361

 3C4B49

 263532

 111F1D

 000504

 000000

 BACCC9

 BACCC9

 A6CCC6

 CECCCC

 91CCC2

 E3CCD0

 7DCCBF

 F7CCD3

 68CCBB

 FFCCD7

 54CCB8

 FFCCDA

 40CCB5

 FFCCDD

 2BCCB1

 FFCCE1

 17CCAЕ

 FFCCE4

 02CCAA

 FFCCE8

# Harmonies

## Analogous

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



BECBC3



BACCC9



B9CCCF

# Triad

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



BACCC9



CBC6D2



D2C6BD

# Complementary

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



BACCC9



CCBABD

# 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.



D6C5C1



BACCC9



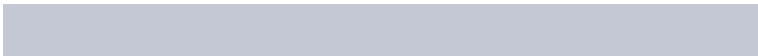
D2C5CE

# Square

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



BACCC9



C3C8D4



D5C4C7



CCC8BC

# Rectangle

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



BACCC9



BBCBD2



D5C4C7



D4C5BE



# Sweetspot

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



BACCC9



F7FFFE



BDCCEA



7A807F



000000



808080

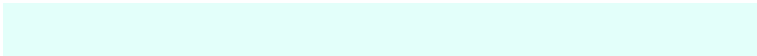


# Same Dimension

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



BACCC9



E3FFFA



BAC6CC



5C6664



00A68A



002620

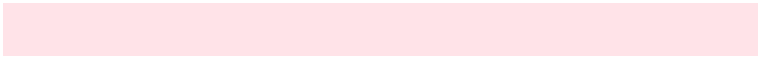


# Inverse Universe

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



CCBABD



FFE3E8



CCC0BA



665C5E



A6001C

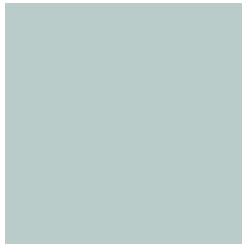


260006



# Previews

## White Background



This preview shows how the Hex color BACCC9 looks on a white background.

## Color Contrast Check

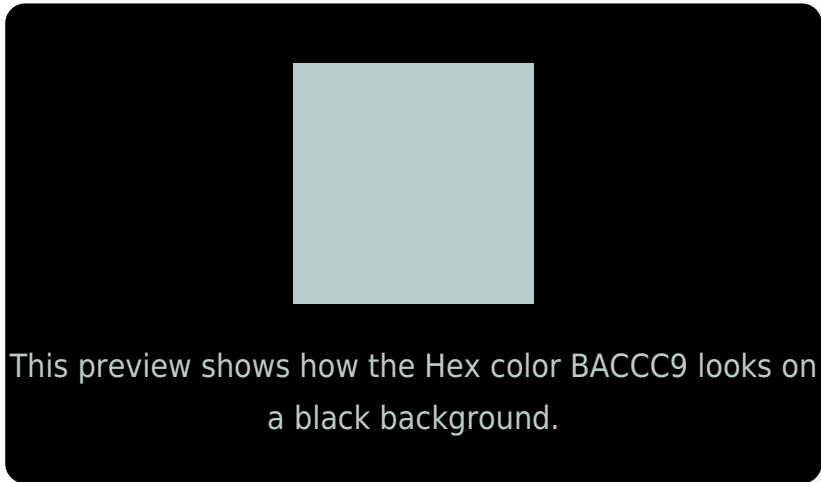
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

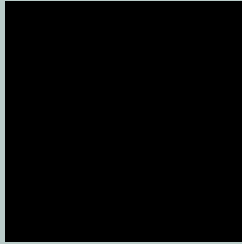
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

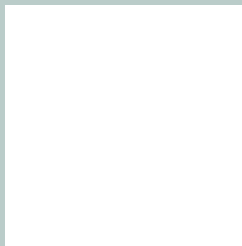
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BACCC9 Background



This preview shows how black text looks on a background with the Hex color BACCC9.

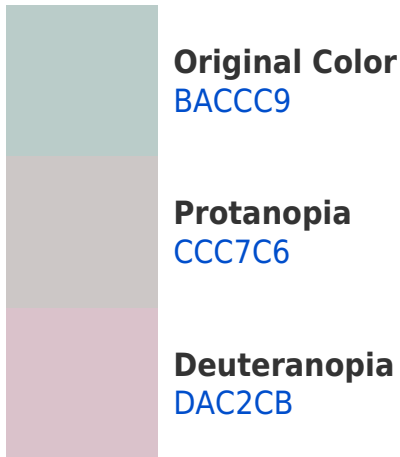


This preview shows how white text looks on a background with the Hex color BACCC9.

# 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**  
BDC9D9

# Trichromacy



**Original Color**  
BACCC9

**Protanomaly**  
C5C9C7

**Deuteranomaly**  
CEC6CA

**Tritanomaly**  
BCCAD3

# Monochromacy



**Original Color**  
BACCC9

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
C2C8C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BACCC9 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 #BACCC9 looks like.

```
.text, #text, p{  
    color:#BACCC9  
}
```

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 #BACCC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BACCC9
}
```

## Border

The CSS property to change the border of an element to Hex BACCC9 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
#BACCC9 }
```

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

```
.border{ border-color:#BACCC9 }
```

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

Here you see how a box with a 4 pixel #BACCC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BACCC9; -webkit-box-shadow:4px 4px  
4px 4px #BACCC9; box-shadow:4px 4px 4px  
4px #BACCC9 }
```

# Background

The CSS property to change the background color of an element to Hex BACCC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BACCC9 }
```

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

```
.background{ background-color:#BACCC9 }
```

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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