

Converting Colors

Hex(B9E085)

Have a look what the booklet for
Hex(B9E085) contains.

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Color

Hex(B9E085)

Conversions

Conversions Part 1

Format	Color
Hex	B9E085
RGB	185, 224, 133
RGB Percent	73%, 88%, 52%
CMY	0.2745, 0.1216, 0.4784
CMYK	0.17, 0.00, 0.41, 0.12
HSL	86°, 59%, 70%
HSV	86°, 41%, 88%
XYZ	50.8969, 65.3191, 32.1156
YIQ	201.9650, 5.9670, -36.5690

Conversions

Conversions Part 2

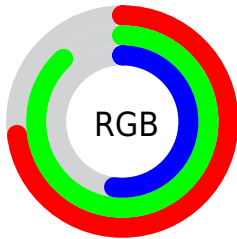
Format	Color
RYB	133, 224, 172
Decimal	12181637
CIELab	84.65, -27.80, 40.40
CIELCh	85, 49.040, 124.534
Yxy	65.3191, 0.3431, 0.4404
Android (android.graphics.Color)	4290371717 (0xFFB9E085)
YUV	201.9650, -33.9997, -14.8783
Hunter-Lab	80.8202, -29.0242, 33.0140

Details

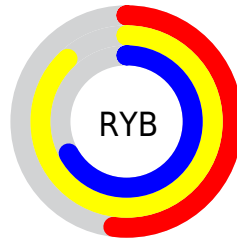
The Hex color **B9E085** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AC85E0**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **F2FFBB**, and **82A952** is the 20% darker color. If you saturate the color by 10%, you get **AFE06F**, and if you desaturate by 10%, it is **C3E09B**.

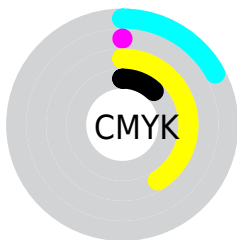
Distribution



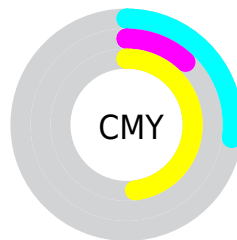
- Red (73%)
- Green (88%)
- Blue (52%)



- Red (52%)
- Yellow (88%)
- Blue (67%)



- Cyan (17%)
- Magenta (0%)
- Yellow (41%)
- Black (12%)



- Cyan (27%)
- Magenta (12%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9E085 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 B9E085 by changing the saturation by 10% instead.

 B9E085

 B9E085

FFFFFF

 9DC46B

 F2FFBB

 82A952

 FFFFD7

 688E39

 FFFFF4

 4E7420

 355B03

 1D4400

 002D00

 001900

 000000

 B9E085

 B9E085

 AFE06F

 C3E09B

 A6E058

 CCE0B2

 9CE042

 D6E0C8

 93E02B

 DFE0DF

 89E015

 E9E0F5

 80E000

 F3E0FF

 FCE0FF

 FFE0FF

Harmonies

Analogous

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



EAD375



B9E085



7FE8AA

Triad

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



B9E085



2EE3FF



FFAECE

Complementary

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



B9E085



AC85E0

Split Complementary

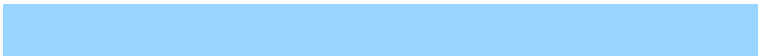
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB5FC



B9E085



98D6FF

Square

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



B9E085



00EAFB



E1C5FF



FFB4A1

Rectangle

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



B9E085



4EEBC9



E1C5FF



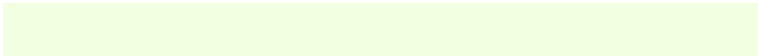
FFAFDE

Sweetspot

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



B9E085



F2FFE0



E0AB85



78806E



000000



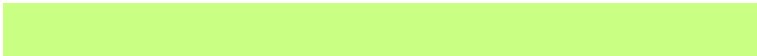
808080

Same Dimension

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



B9E085



C9FF82



8DE085



6B7065



65B000



1C3000

Inverse Universe

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



AC85E0



B882FF



D885E0



6A6570



4B00B0



150030

Previews

White Background



This preview shows how the Hex color B9E085 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 B9E085 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 B9E085 Background



This preview shows how black text looks on a background with the Hex color B9E085.

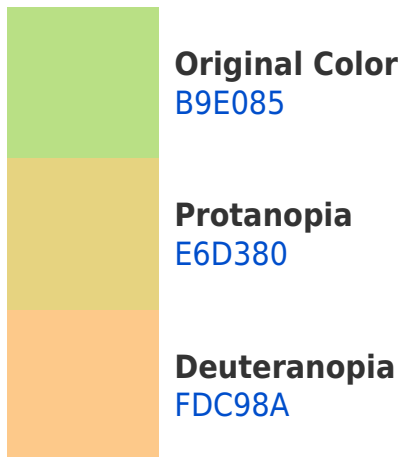


This preview shows how white text looks on a background with the Hex color B9E085.

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](#).

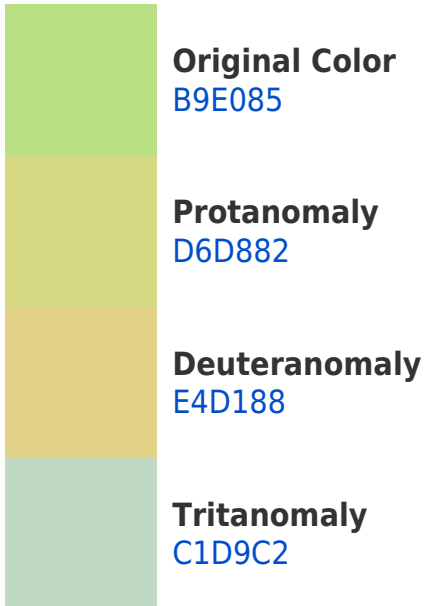
Dichromacy



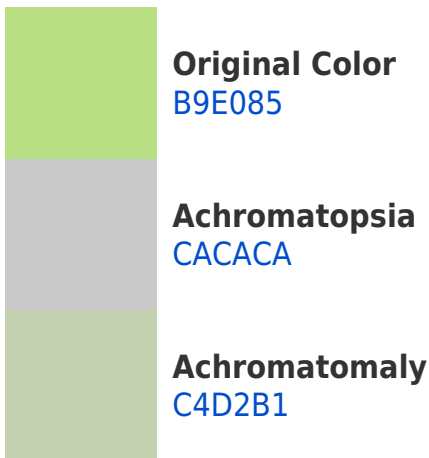


Tritanopia
C6D5E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9E085 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 #B9E085 looks like.

```
.text, #text, p{  
    color:#B9E085  
}
```

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 #B9E085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9E085
}
```

Border

The CSS property to change the border of an element to Hex B9E085 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
#B9E085 }
```

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

```
.border{ border-color:#B9E085 }
```

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

Here you see how a box with a 4 pixel #B9E085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9E085; -webkit-box-shadow:4px 4px  
4px 4px #B9E085; box-shadow:4px 4px 4px  
4px #B9E085 }
```

Background

The CSS property to change the background color of an element to Hex B9E085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9E085 }
```

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

```
.background{ background-color:#B9E085 }
```

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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