

Converting Colors

Hex(B9E487)

Have a look what the booklet for
Hex(B9E487) contains.

Hex(B9E487)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B9E487)

Conversions

Conversions Part 1

Format	Color
Hex	B9E487
RGB	185, 228, 135
RGB Percent	73%, 89%, 53%
CMY	0.2745, 0.1059, 0.4706
CMYK	0.19, 0.00, 0.41, 0.11
HSL	88°, 63%, 71%
HSV	88°, 41%, 89%
XYZ	52.1242, 67.5504, 33.2130
YIQ	204.5410, 4.2250, -38.0390

Conversions

Conversions Part 2

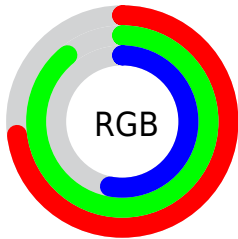
Format	Color
RYB	135, 228, 178
Decimal	12182663
CIELab	85.78, -29.45, 40.85
CIELCh	86, 50.360, 125.785
Yxy	67.5504, 0.3409, 0.4418
Android (android.graphics.Color)	4290372743 (0xFFB9E487)
YUV	204.5410, -34.2837, -17.1375
Hunter-Lab	82.1890, -30.6264, 33.5730

Details

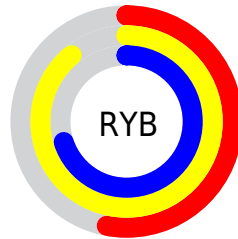
The Hex color **B9E487** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B287E4**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **F2FFBD**, and **82AC53** is the 20% darker color. If you saturate the color by 10%, you get **AEE470**, and if you desaturate by 10%, it is **C4E49E**.

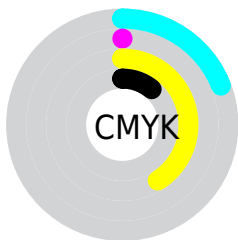
Distribution



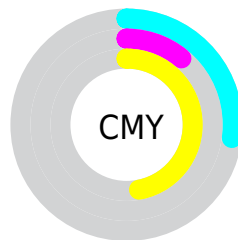
- Red (73%)
- Green (89%)
- Blue (53%)



- Red (53%)
- Yellow (89%)
- Blue (70%)



- Cyan (19%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)



- Cyan (27%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9E487 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 B9E487 by changing the saturation by 10% instead.

 B9E487

 B9E487

FFFFFF

 9DC86D

 F2FFBD

 82AC53

 FFFFDA

 68923A

 FFFFF6

 4E7821

 345F04

 1B4700

 003000

 001D00

 000000

 B9E487

 B9E487

 AEE470

 C4E49E

 A4E459

 CEE4B5

 99E443

 D9E4CB

 8FE42C

 E3E4E2

 84E415

 EEE4F9

 7BE400

 F8E4FF

 FFE4FF

Harmonies

Analogous

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



ECD776



B9E487



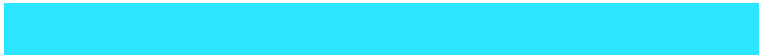
7CECAE

Triad

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



B9E487



2CE6FF



FFB0CF

Complementary

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



B9E487



B287E4

Split Complementary

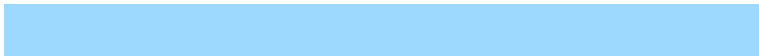
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB7FF



B9E487



9DD8FF

Square

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



B9E487



00EEFF



E7C7FF



FFB7A1

Rectangle

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



B9E487



47EFCE



E7C7FF



FFB1DF

Sweetspot

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



B9E487



F1FFE0



E4B187



77806E



000000



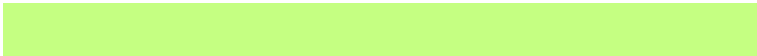
808080

Same Dimension

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



B9E487



C5FF82



8CE487



6D7367



60B300



1B3300

Inverse Universe

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



B287E4



BC82FF



DF87E4



6D6773



5300B3



180033

Previews

White Background



This preview shows how the Hex color B9E487 looks on a white background.

Color Contrast Check

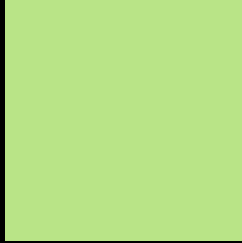
Large Text (above 18pt) WCAG AA × Fail

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 B9E487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

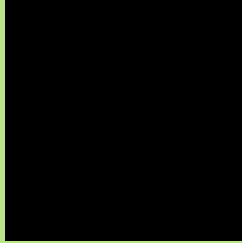
Any Text WCAG AA ✓ Pass

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 B9E487 Background



This preview shows how black text looks on a background with the Hex color B9E487.

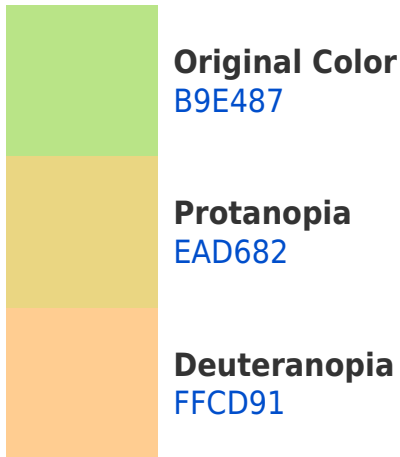


This preview shows how white text looks on a background with the Hex color B9E487.

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](#).

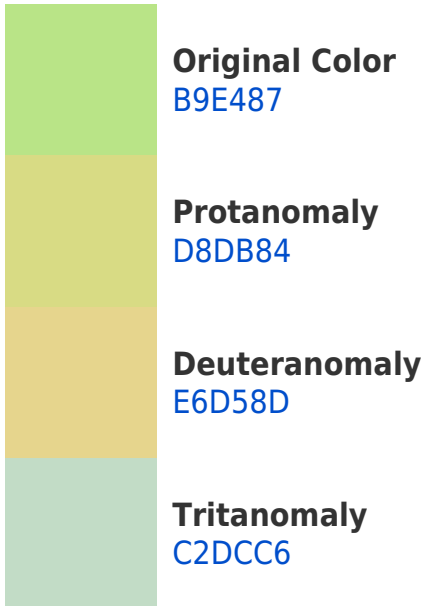
Dichromacy



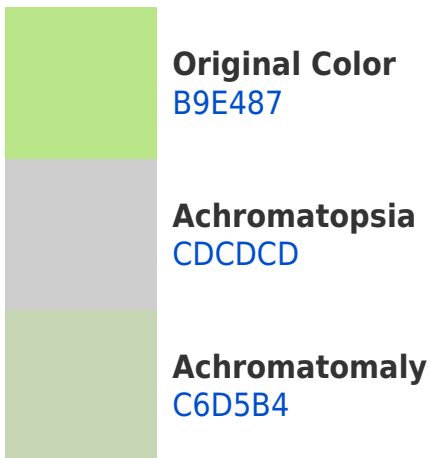


Tritanopia
C7D8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9E487 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 #B9E487 looks like.

```
.text, #text, p{  
    color:#B9E487  
}
```

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 #B9E487 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9E487
}
```

Border

The CSS property to change the border of an element to Hex B9E487 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
#B9E487 }
```

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

```
.border{ border-color:#B9E487 }
```

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

Here you see how a box with a 4 pixel #B9E487 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9E487; -webkit-box-shadow:4px 4px  
4px 4px #B9E487; box-shadow:4px 4px 4px  
4px #B9E487 }
```

Background

The CSS property to change the background color of an element to Hex B9E487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9E487 }
```

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

```
.background{ background-color:#B9E487 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor