

Converting Colors

Hex(B0D187)

Have a look what the booklet for
Hex(B0D187) contains.

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Color

Hex(B0D187)

Conversions

Conversions Part 1

Format	Color
Hex	B0D187
RGB	176, 209, 135
RGB Percent	69%, 82%, 53%
CMY	0.3098, 0.1804, 0.4706
CMYK	0.16, 0.00, 0.35, 0.18
HSL	87°, 45%, 67%
HSV	87°, 35%, 82%
XYZ	45.0781, 56.5803, 31.4669
YIQ	190.6970, 4.0860, -30.0100

Conversions

Conversions Part 2

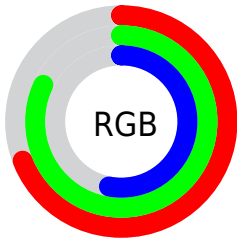
Format	Color
RYB	135, 209, 168
Decimal	11587975
CIELab	79.94, -23.62, 33.19
CIELCh	80, 40.739, 125.443
Yxy	56.5803, 0.3386, 0.4250
Android (android.graphics.Color)	4289778055 (0xFFB0D187)
YUV	190.6970, -27.4586, -12.8893
Hunter-Lab	75.2199, -24.6624, 27.8510

Details

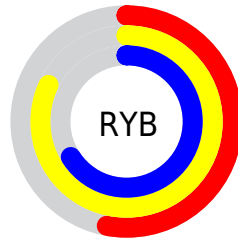
The Hex color **B0D187** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A887D1**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **E8FFBD**, and **7A9A54** is the 20% darker color. If you saturate the color by 10%, you get **A7D172**, and if you desaturate by 10%, it is **B9D19C**.

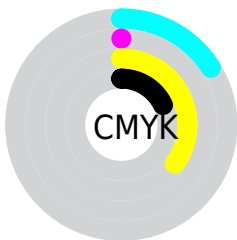
Distribution



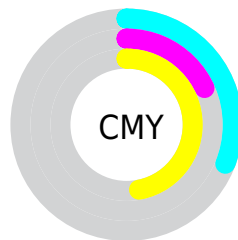
- Red (69%)
- Green (82%)
- Blue (53%)



- Red (53%)
- Yellow (82%)
- Blue (66%)



- Cyan (16%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)



- Cyan (31%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0D187 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 B0D187 by changing the saturation by 10% instead.

 B0D187

 B0D187

FFFFFF

 95B56D

 E8FFBD

 7A9A54

 FFFFD9

 61803C

 FFFFF6

 486724

 2F4F0C

 193800

 002300

 000000

 B0D187

 B0D187

 A7D172

 B9D19C

 9DD15D


 C3D1B1

 94D148

 CCD1C6

 8BD133

 D5D1DB

 81D11F

 DFD1F0

 78D10A

 E8D1FF

 74D100

 F1D1FF

 FBD1FF

 FFD1FF

Harmonies

Analogous

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



D9C67A



B0D187



82D8A5

Triad

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



B0D187



5BD3FF



FFA9C1

Complementary

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



B0D187



A887D1

Split Complementary

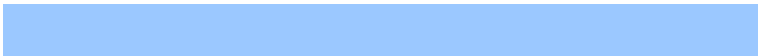
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FCAEE7



B0D187



9BC8FF

Square

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



B0D187



2ED9F1



D4BAFF



FFAE9C

Rectangle

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



B0D187



61DABF



D4BAFF



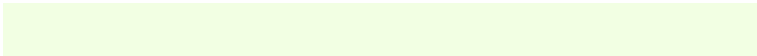
FFA9CE

Sweetspot

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



B0D187



F2FFE3



D1A787



78806F



000000



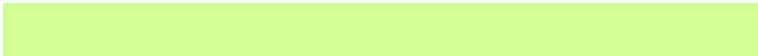
808080

Same Dimension

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



B0D187



CFFF94



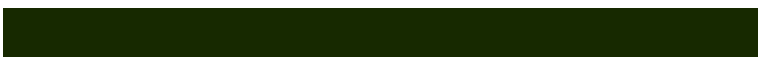
8CD187



64695E



5DA800



172900

Inverse Universe

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



A887D1



C494FF



CC87D1



635E69



4B00A8



120029

Previews

White Background



This preview shows how the Hex color B0D187 looks on a white background.

Color Contrast Check

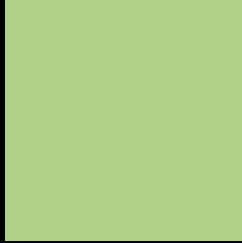
Large Text (above 18pt) WCAG AA × Fail

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 B0D187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

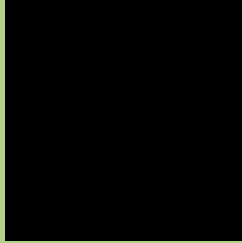
Any Text WCAG AA ✓ Pass

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 B0D187 Background



This preview shows how black text looks on a background with the Hex color B0D187.

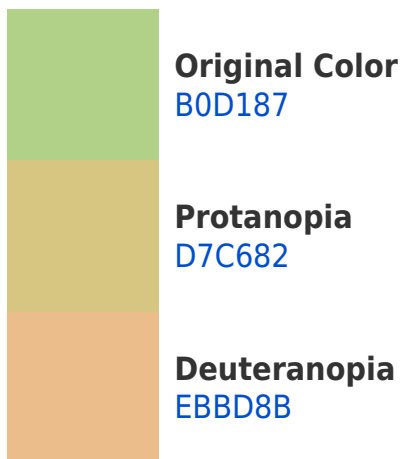


This preview shows how white text looks on a background with the Hex color B0D187.

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](#).

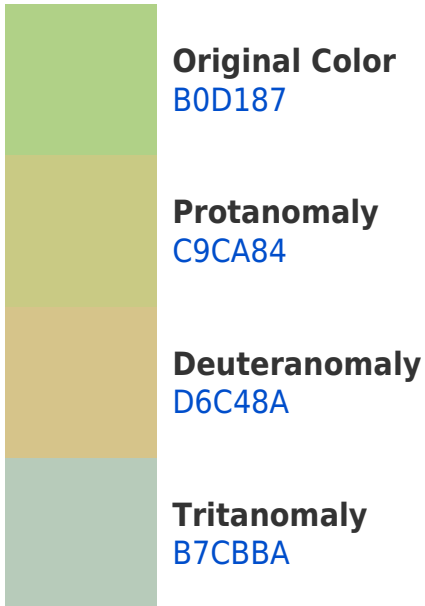
Dichromacy



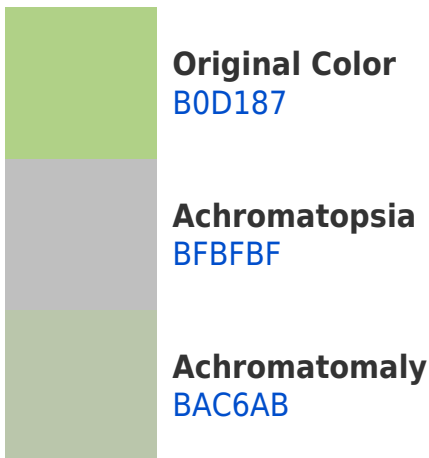


Tritanopia
BBC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0D187 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 #B0D187 looks like.

```
.text, #text, p{  
    color:#B0D187  
}
```

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 #B0D187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D187
}
```

Border

The CSS property to change the border of an element to Hex B0D187 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
#B0D187 }
```

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

```
.border{ border-color:#B0D187 }
```

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

Here you see how a box with a 4 pixel #B0D187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D187; -webkit-box-shadow:4px 4px  
4px 4px #B0D187; box-shadow:4px 4px 4px  
4px #B0D187 }
```

Background

The CSS property to change the background color of an element to Hex B0D187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D187 }
```

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

```
.background{ background-color:#B0D187 }
```

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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