

Converting Colors

Hex(B1D685)

Have a look what the booklet for
Hex(B1D685) contains.

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Color

Hex(B1D685)

Conversions

Conversions Part 1

Format	Color
Hex	B1D685
RGB	177, 214, 133
RGB Percent	69%, 84%, 52%
CMY	0.3059, 0.1608, 0.4784
CMYK	0.17, 0.00, 0.38, 0.16
HSL	87°, 50%, 68%
HSV	87°, 38%, 84%
XYZ	46.4117, 59.1337, 31.1581
YIQ	193.7030, 3.9490, -33.0350

Conversions

Conversions Part 2

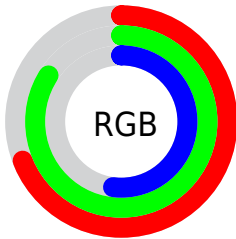
Format	Color
RYB	133, 214, 170
Decimal	11654789
CIELab	81.37, -25.95, 36.08
CIElCh	81, 44.437, 125.724
Yxy	59.1337, 0.3395, 0.4326
Android (android.graphics.Color)	4289844869 (0xFFB1D685)
YUV	193.7030, -29.9266, -14.6485
Hunter-Lab	76.8984, -26.8395, 29.8055

Details

The Hex color **B1D685** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AA85D6**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **EAFFBB**, and **7B9F52** is the 20% darker color. If you saturate the color by 10%, you get **A7D670**, and if you desaturate by 10%, it is **BBD69A**.

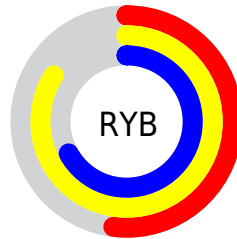
Distribution



Red (69%)

Green (84%)

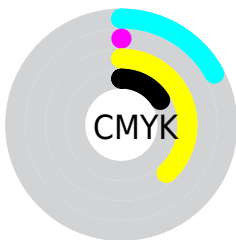
Blue (52%)



Red (52%)

Yellow (84%)

Blue (67%)

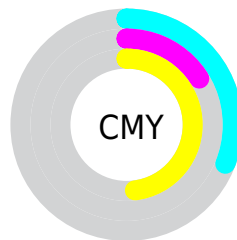


Cyan (17%)

Magenta (0%)

Yellow (38%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D685 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 B1D685 by changing the saturation by 10% instead.

 B1D685

 B1D685

FFFFFF

 96BA6B

 EAFFBB

 7B9F52

 FFFFD7

 61853A

 FFFFF4

 486B22

 2F5307

 183C00

 002600

 000900

 000000

 B1D685

 B1D685

 A7D670

 BBD69A

 9DD65A

 C5D6B0

 94D645

 CED6C5

 8AD62F

 D8D6DB

 80D61A

 E2D6F0

 76D605

 ECD6FF

 74D600

 F5D6FF

 FFD6FF

Harmonies

Analogous

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



DECA76



B1D685



7EDDA7

Triad

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



B1D685



4BD8FF



FFA9C4

Complementary

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



B1D685



AA85D6

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.



FFAFED



B1D685



9ACCFE

Square

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



B1D685



00DFF9



D9BCFF



FFAF9C

Rectangle

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



B1D685



55E0C3



D9BCFF



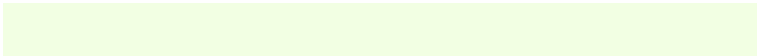
FFAAD2

Sweetspot

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



B1D685



F2FFE3



D6A985



78806F



000000



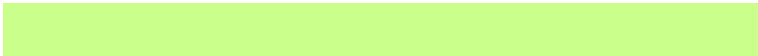
808080

Same Dimension

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



B1D685



CBFF8C



89D685



666B60



5DAB00



182B00

Inverse Universe

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



AA85D6



C18CFF



D285D6



65606B



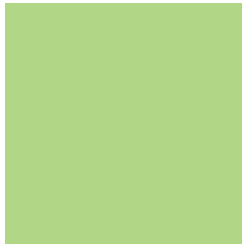
4E00AB



14002B

Previews

White Background



This preview shows how the Hex color B1D685 looks on a white background.

Color Contrast Check

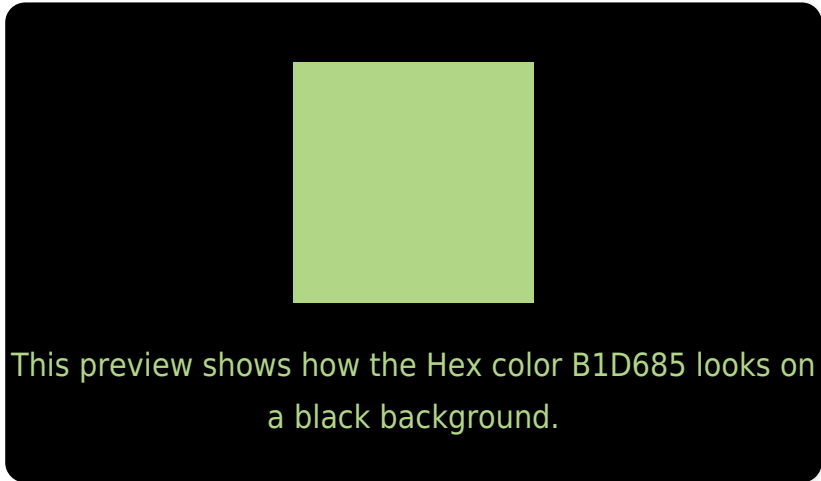
Large Text (above 18pt) WCAG AA × Fail

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 B1D685 Background



This preview shows how black text looks on a background with the Hex color B1D685.

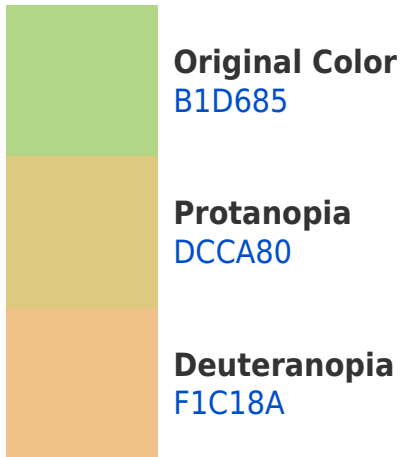


This preview shows how white text looks on a background with the Hex color B1D685.

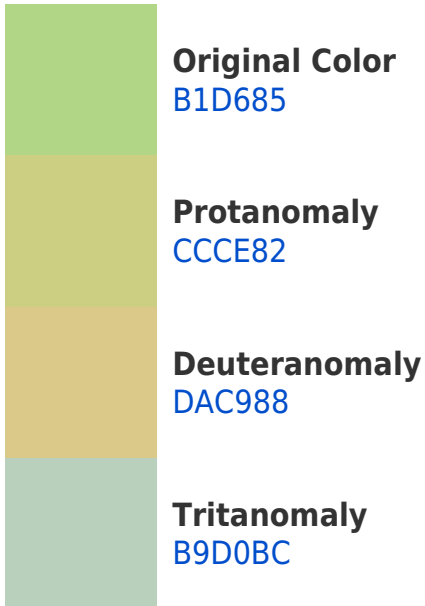
Color Blindness Simulation

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](#).

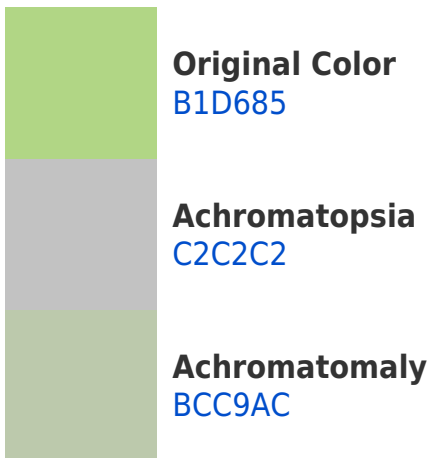
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1D685 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 #B1D685 looks like.

```
.text, #text, p{  
    color:#B1D685  
}
```

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 #B1D685 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D685
}
```

Border

The CSS property to change the border of an element to Hex B1D685 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
#B1D685 }
```

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

```
.border{ border-color:#B1D685 }
```

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

Here you see how a box with a 4 pixel #B1D685 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D685; -webkit-box-shadow:4px 4px  
4px 4px #B1D685; box-shadow:4px 4px 4px  
4px #B1D685 }
```

Background

The CSS property to change the background color of an element to Hex B1D685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D685 }
```

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

```
.background{ background-color:#B1D685 }
```

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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