

# Converting Colors

Hex(6BD985)

Have a look what the booklet for  
Hex(6BD985) contains.

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**Color**

**Hex(6BD985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BD985
RGB	107, 217, 133
RGB Percent	42%, 85%, 52%
CMY	0.5804, 0.1490, 0.4784
CMYK	0.51, 0.00, 0.39, 0.15
HSL	134°, 59%, 64%
HSV	134°, 51%, 85%
XYZ	35.1099, 54.4450, 30.8487
YIQ	174.5340, -38.5960, -49.4440

# Conversions

## Conversions Part 2

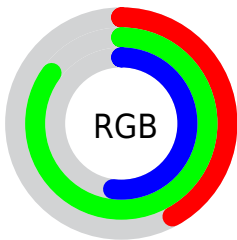
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 196, 217
Decimal	7068037
CIELab	78.72, -49.52, 31.95
CIELCh	79, 58.935, 147.168
Yxy	54.4450, 0.2916, 0.4522
Android (android.graphics.Color)	4285258117 (0xFF6BD985)
YUV	174.5340, -20.4763, -59.2273
Hunter-Lab	73.7868, -44.1915, 26.8629

# Details

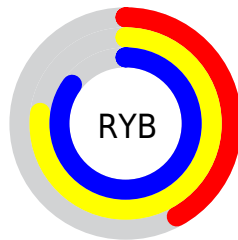
The Hex color **6BD985** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D96BBF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A5FFBB**, and **2DA152** is the 20% darker color. If you saturate the color by 10%, you get **55D974**, and if you desaturate by 10%, it is **81D996**.

# Distribution



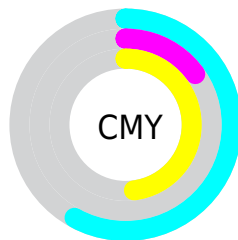
- Red (42%)
- Green (85%)
- Blue (52%)



- Red (42%)
- Yellow (77%)
- Blue (85%)



- Cyan (51%)
- Magenta (0%)
- Yellow (39%)
- Black (15%)



- Cyan (58%)
- Magenta (15%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BD985 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 6BD985 by changing the saturation by 10% instead.



 6BD985

 6BD985

FFFFFF

 4EBD6B

 A5FFBB

 2DA152

 C2FFD7

 00863A

 DFFFF3

 006C22

FDFFFF

 005309

 003A00

 002500

 000000

 6BD985

 6BD985

 55D974

 81D996

 40D964

 96D9A6

 2AD953

 ACD9B7

 14D943

 C2D9C7

 00D933

 D8D9D8

 EDD9E8

 FFD9F9

 FFD9FF

# Harmonies

## Analogous

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



B1CE5D



6BD985



00DEBC

# Triad

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



6BD985



45CAFF



FF9894

# Complementary

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



6BD985



D96BBF

# 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.



FF94CA



6BD985



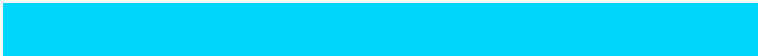
BEB7FF

# Square

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



6BD985



00D7FF



FFA1FF



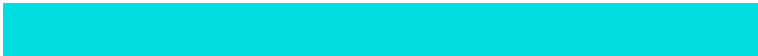
FFAA68

# Rectangle

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



6BD985



00DEE1



FFA1FF



FF95A5

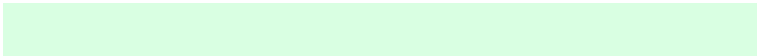


# Sweetspot

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



6BD985



D9FFE2



BFD96B



69806E



000000



808080



# Same Dimension

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



6BD985



63FF88



6BD9BC



636E65



00AD29



002E0B



# Inverse Universe

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



D96BBF



FF63DA



D96B88



6E636B



AD0084

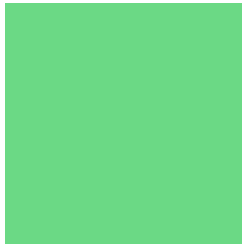


2E0023



# Previews

## White Background



This preview shows how the Hex color 6BD985 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 6BD985 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

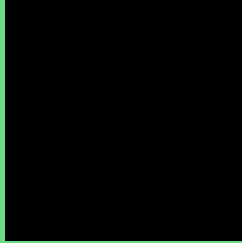
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6BD985 Background



This preview shows how black text looks on a background with the Hex color 6BD985.

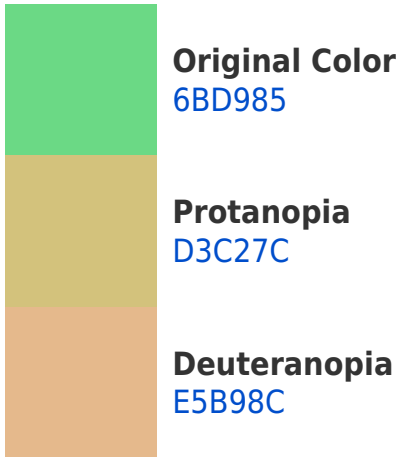


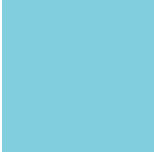
This preview shows how white text looks on a background with the Hex color 6BD985.

# 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**  
81CEDF

# Trichromacy



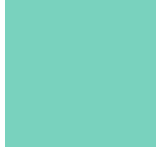
**Original Color**  
6BD985



**Protanomaly**  
ADCA7F



**Deuteranomaly**  
B9C589



**Tritanomaly**  
79D2BE

# Monochromacy



**Original Color**  
6BD985



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
96BEA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BD985 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 #6BD985 looks like.

```
.text, #text, p{  
    color:#6BD985  
}
```

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 #6BD985 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD985
}
```

## Border

The CSS property to change the border of an element to Hex 6BD985 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
#6BD985 }
```

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

```
.border{ border-color:#6BD985 }
```

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

Here you see how a box with a 4 pixel #6BD985 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD985; -webkit-box-shadow:4px 4px  
4px 4px #6BD985; box-shadow:4px 4px 4px  
4px #6BD985 }
```

# Background

The CSS property to change the background color of an element to Hex 6BD985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD985 }
```

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

```
.background{ background-color:#6BD985 }
```

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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