

Converting Colors

Hex(7BD69D)

Have a look what the booklet for
Hex(7BD69D) contains.

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Color

Hex(7BD69D)

Conversions

Conversions Part 1

Format	Color
Hex	7BD69D
RGB	123, 214, 157
RGB Percent	48%, 84%, 62%
CMY	0.5176, 0.1608, 0.3843
CMYK	0.43, 0.00, 0.27, 0.16
HSL	142°, 53%, 66%
HSV	142°, 43%, 84%
XYZ	38.3007, 54.7384, 40.4452
YIQ	180.2930, -35.9390, -37.0190

Conversions

Conversions Part 2

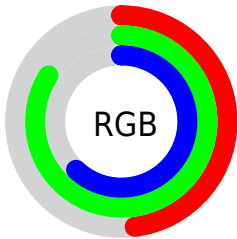
Format	Color
RYB	123, 189, 214
Decimal	8115869
CIELab	78.89, -39.70, 19.83
CIELCh	79, 44.378, 153.452
Yxy	54.7384, 0.2869, 0.4101
Android (android.graphics.Color)	4286305949 (0xFF7BD69D)
YUV	180.2930, -11.4834, -50.2460
Hunter-Lab	73.9854, -37.0686, 19.3780

Details

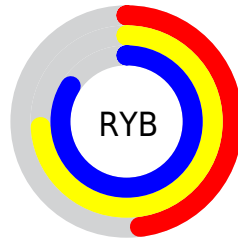
The Hex color **7BD69D** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D67BB4**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B3FFD4**, and **439F69** is the 20% darker color. If you saturate the color by 10%, you get **66D690**, and if you desaturate by 10%, it is **90D6AA**.

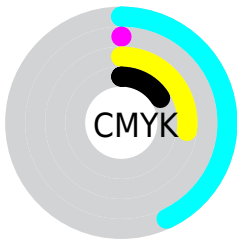
Distribution



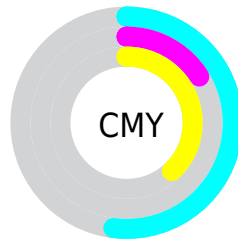
- Red (48%)
- Green (84%)
- Blue (62%)



- Red (48%)
- Yellow (74%)
- Blue (84%)



- Cyan (43%)
- Magenta (0%)
- Yellow (27%)
- Black (16%)



- Cyan (52%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BD69D 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 7BD69D by changing the saturation by 10% instead.

 7BD69D

 7BD69D

FFFFFF

 5FBA83

 B3FFD4

 439F69

 D0FFF0

 258451

 EDFFFF

 006A3A

 005123

 00390E

 002500

 000000

 7BD69D

 7BD69D

 66D690

 90D6AA

 50D682

 A6D6B8

 3BD675

 BBD6C5

 25D667

 D1D6D3

 10D65A

 E6D6E0

 00D650

 FBD6ED

 FFD6FB

 FFD6FF

Harmonies

Analogous

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



AECE7D



7BD69D



3AD9C7

Triad

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



7BD69D



8DC6FF



FFA798

Complementary

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



7BD69D



D67BB4

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.



FFA3C0



7BD69D



CEB7FF

Square

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



7BD69D



39D1FF



FBA9E9



FCB47A

Rectangle

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



7BD69D



00D9E3



FBA9E9



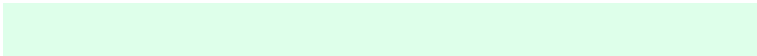
FFA5A5

Sweetspot

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



7BD69D



DEFFEA



B5D67B



6B8073



000000



808080

Same Dimension

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



7BD69D



7DFFAE



7BD6CA



606B64



00AB40



002B10

Inverse Universe

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



D67BB4



FF7DCE



D67B87



6B6067



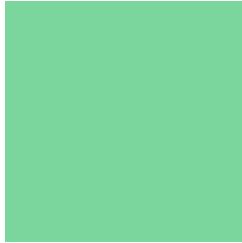
AB006B



2B001B

Previews

White Background



This preview shows how the Hex color 7BD69D looks on a white background.

Color Contrast Check

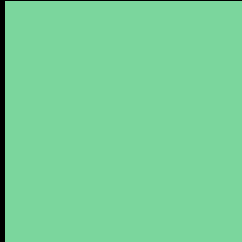
Large Text (above 18pt) WCAG AA × Fail

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 7BD69D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

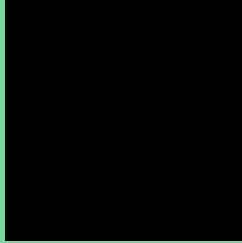
Any Text WCAG AA ✓ Pass

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 7BD69D Background



This preview shows how black text looks on a background with the Hex color 7BD69D.

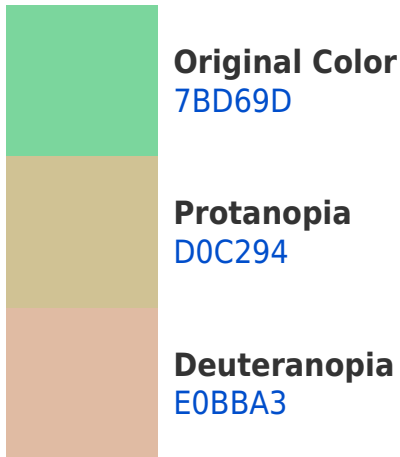


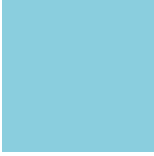
This preview shows how white text looks on a background with the Hex color 7BD69D.

Color Blindness Simulation

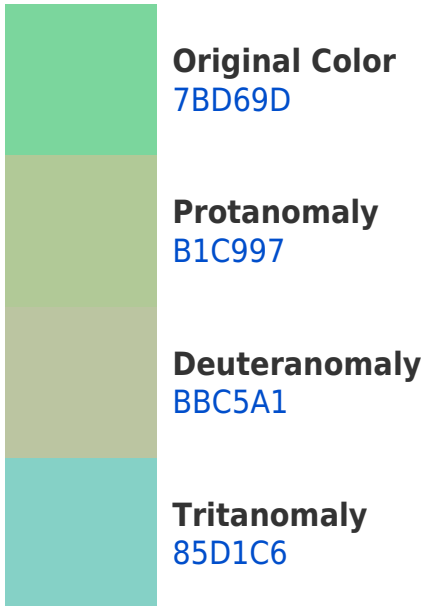
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BD69D 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 #7BD69D looks like.

```
.text, #text, p{  
    color:#7BD69D  
}
```

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 #7BD69D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BD69D
}
```

Border

The CSS property to change the border of an element to Hex 7BD69D 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
#7BD69D }
```

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

```
.border{ border-color:#7BD69D }
```

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

Here you see how a box with a 4 pixel #7BD69D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BD69D; -webkit-box-shadow:4px 4px  
4px 4px #7BD69D; box-shadow:4px 4px 4px  
4px #7BD69D }
```

Background

The CSS property to change the background color of an element to Hex 7BD69D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BD69D }
```

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

```
.background{ background-color:#7BD69D }
```

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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