

Converting Colors

Hex(7DB085)

Have a look what the booklet for
Hex(7DB085) contains.

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Color

Hex(7DB085)

Conversions

Conversions Part 1

Format	Color
Hex	7DB085
RGB	125, 176, 133
RGB Percent	49%, 69%, 52%
CMY	0.5098, 0.3098, 0.4784
CMYK	0.29, 0.00, 0.24, 0.31
HSL	129°, 24%, 59%
HSV	129°, 29%, 69%
XYZ	28.2164, 37.1041, 27.8649
YIQ	155.8490, -16.5930, -24.1850

Conversions

Conversions Part 2

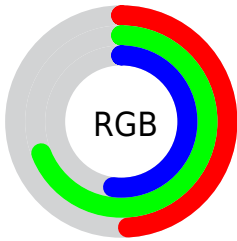
Format	Color
RYB	125, 169, 176
Decimal	8237189
CIELab	67.36, -25.74, 16.74
CIELCh	67, 30.704, 146.968
Yxy	37.1041, 0.3028, 0.3982
Android (android.graphics.Color)	4286427269 (0xFF7DB085)
YUV	155.8490, -11.2646, -27.0546
Hunter-Lab	60.9131, -23.9125, 15.5168

Details

The Hex color **7DB085** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B07DA8**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B3E8BA**, and **4A7B53** is the 20% darker color. If you saturate the color by 10%, you get **6BB076**, and if you desaturate by 10%, it is **8FB094**.

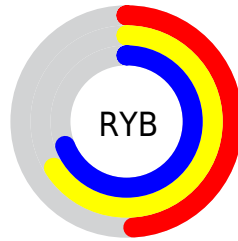
Distribution



Red (49%)

Green (69%)

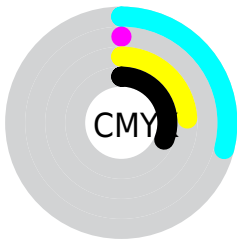
Blue (52%)



Red (49%)

Yellow (66%)

Blue (69%)

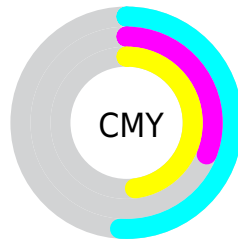


Cyan (29%)

Magenta (0%)

Yellow (24%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DB085 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 7DB085 by changing the saturation by 10% instead.

7DB085

7DB085

FFFFFF

63956C

B3E8BA

4A7B53

CFFFD6

32623C

EBFFF2

194A26

003311

001F00

000000

7DB085

7DB085

6BB076

8FB094

 5AB067

 A0B0A3

 48B058

 B2B0B2

 37B04A

 C3B0C0

 25B03B

 D5B0CF

 13B02C

 E7B0DE

 02B01D

 F8B0ED

 00B01C

 FFB0FC

 FFB0FF

Harmonies

Analogous

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



9DAA72



7DB085



5DB3A0

Triad

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



7DB085



7BA7DB



DB918C

Complementary

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



7DB085



B07DA8

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.



D78FA8



7DB085



A49ED5

Square

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



7DB085



55AFD2



C595C3



D09877

Rectangle

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



7DB085



4CB3B3



C595C3



DB9095

Sweetspot

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



7DB085



D1E6D4



A8B07D



667368



F2F2F2



737373

Same Dimension

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



7DB085



95E6A2



7DB09E



505952



009918



001A04

Inverse Universe

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



B07DA8



E695D9



B07D8F



595058



990081



1A0015

Previews

White Background



This preview shows how the Hex color 7DB085 looks on a white background.

Color Contrast Check

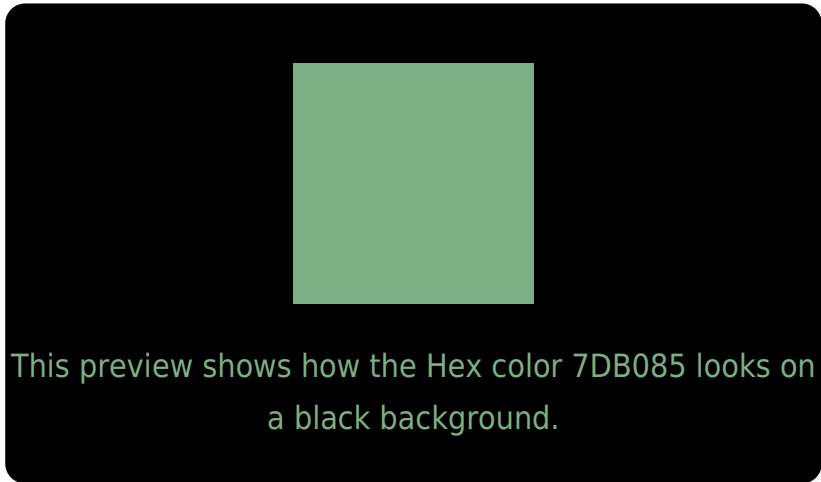
Large Text (above 18pt) WCAG AA × Fail

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

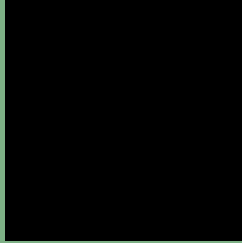
Any Text WCAG AA ✓ Pass

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 7DB085 Background



This preview shows how black text looks on a background with the Hex color 7DB085.

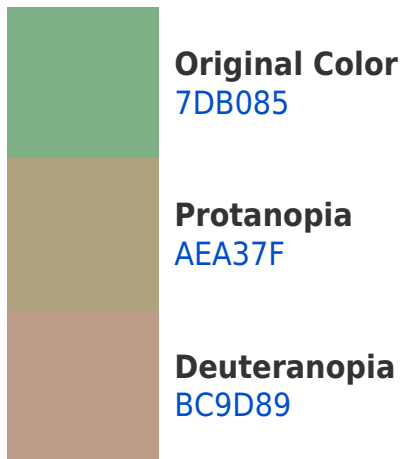


This preview shows how white text looks on a background with the Hex color 7DB085.

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
86A9B7

Trichromacy



Original Color
7DB085

Protanomaly
9CA881

Deuteranomaly
A5A488

Tritanomaly
83ACA5

Monochromacy



Original Color
7DB085

Achromatopsia
9C9C9C

Achromatomaly
91A394

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DB085 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 #7DB085 looks like.

```
.text, #text, p{  
    color:#7DB085  
}
```

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 #7DB085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB085
}
```

Border

The CSS property to change the border of an element to Hex 7DB085 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
#7DB085 }
```

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

```
.border{ border-color:#7DB085 }
```

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

Here you see how a box with a 4 pixel #7DB085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB085; -webkit-box-shadow:4px 4px  
4px 4px #7DB085; box-shadow:4px 4px 4px  
4px #7DB085 }
```

Background

The CSS property to change the background color of an element to Hex 7DB085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB085 }
```

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

```
.background{ background-color:#7DB085 }
```

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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