

Converting Colors

Hex(7DB37D)

Have a look what the booklet for
Hex(7DB37D) contains.

| | |
|--|----|
| Hex(7DB37D) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(7DB37D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7DB37D |
| RGB | 125, 179, 125 |
| RGB Percent | 49%, 70%, 49% |
| CMY | 0.5098, 0.2980, 0.5098 |
| CMYK | 0.30, 0.00, 0.30, 0.30 |
| HSL | 120°, 26%, 60% |
| HSV | 120°, 30%, 70% |
| XYZ | 28.2792, 38.0808, 25.2619 |
| YIQ | 156.6980, -14.8500, -28.2420 |

Conversions

Conversions Part 2

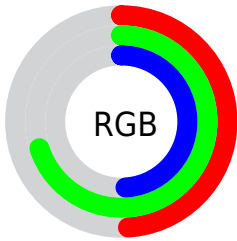
| Format | Color |
|-------------------------------------|--|
| RYB | 125, 179, 179 |
| Decimal | 8237949 |
| CIELab | 68.08, -28.62, 22.07 |
| CIELCh | 68, 36.142, 142.361 |
| Yxy | 38.0808, 0.3087, 0.4156 |
| Android (android.graphics.Color) | 4286428029 (0xFF7DB37D) |
| YUV | 156.6980, -15.6271, -27.7991 |
| Hunter-Lab | 61.7097, -26.1921, 18.9254 |

Details

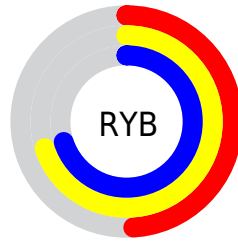
The Hex color **7DB37D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B37DB3**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B3EBB2**, and **4A7E4C** is the 20% darker color. If you saturate the color by 10%, you get **6BB36B**, and if you desaturate by 10%, it is **8FB38F**.

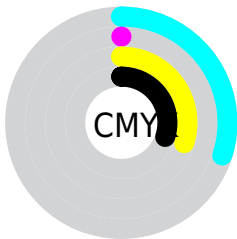
Distribution



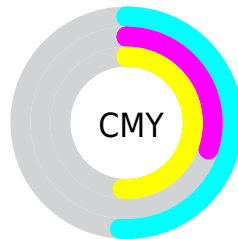
- Red (49%)
- Green (70%)
- Blue (49%)



- Red (49%)
- Yellow (70%)
- Blue (70%)



- Cyan (30%)
- Magenta (0%)
- Yellow (30%)
- Black (30%)



- Cyan (51%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DB37D 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 7DB37D by changing the saturation by 10% instead.

 7DB37D

 7DB37D

FFFFFF

 639864

 B3EBB2

 4A7E4C

 CFFFCE

 316534

 ECFFEA

 174C1E

 003507

 002100

 000000

 7DB37D

 7DB37D

 6BB36B

 8FB38F

 59B359

 A1B3A1

 47B347

 B3B3B3

 35B335

 C5B3C5

 23B323

 D6B3D6

 12B312

 E8B3E8

 00B300

 FAB3FA

 FFB3FF

Harmonies

Analogous

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



A3AC69



7DB37D



53B79C

Triad

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



7DB37D



69ACE6



E68E8F

Complementary

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



7DB37D



B37DB3

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.



E08DB0



7DB37D



9EA1E2

Square

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



7DB37D



31B3D9



C795CE



DB9673

Rectangle

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



7DB37D



35B8B3



C795CE



E68D99

Sweetspot

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



7DB37D



D3E8D3



B3B37D



687568



F5F5F5



757575

Same Dimension

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



7DB37D



95E895



7DB398



505950



009900



001A00

Inverse Universe

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



B37DB3



E895E8



B37D98



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color 7DB37D looks on a white background.

Color Contrast Check

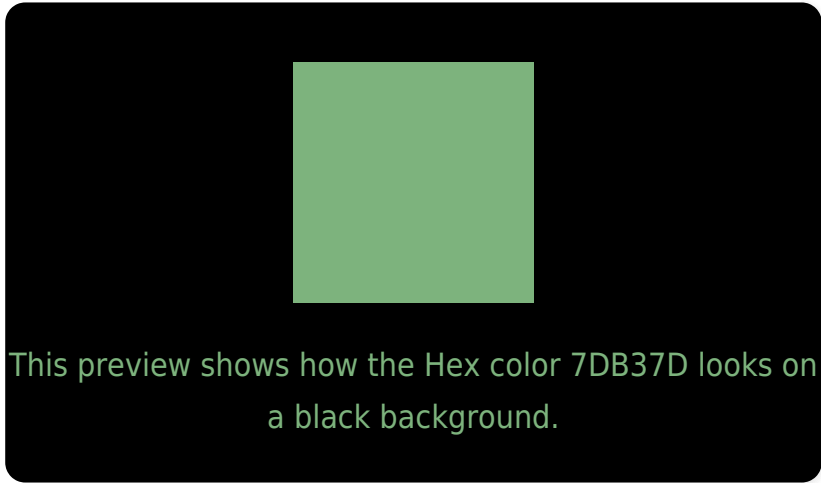
Large Text (above 18pt) WCAG AA × Fail

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

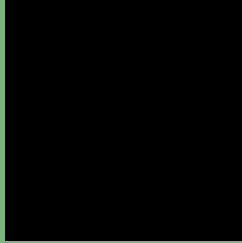
Any Text WCAG AA ✓ Pass

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 7DB37D Background



This preview shows how black text looks on a background with the Hex color 7DB37D.

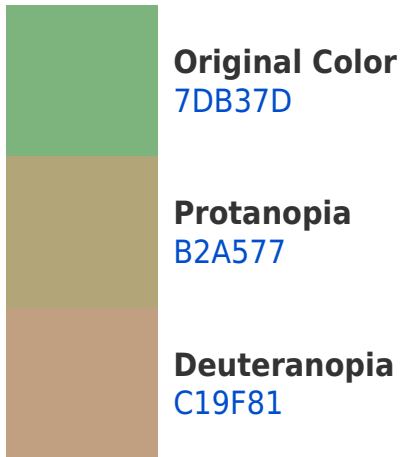


This preview shows how white text looks on a background with the Hex color 7DB37D.

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
88ABB9

Trichromacy



Original Color
7DB37D

Protanomaly
9FAA79

Deuteranomaly
A8A680

Tritanomaly
84AEA3

Monochromacy



Original Color
7DB37D

Achromatopsia
9D9D9D

Achromatomaly
91A591

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DB37D 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 #7DB37D looks like.

```
.text, #text, p{  
    color:#7DB37D  
}
```

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 #7DB37D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB37D
}
```

Border

The CSS property to change the border of an element to Hex 7DB37D 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
#7DB37D }
```

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

```
.border{ border-color:#7DB37D }
```

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

Here you see how a box with a 4 pixel #7DB37D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB37D; -webkit-box-shadow:4px 4px  
4px 4px #7DB37D; box-shadow:4px 4px 4px  
4px #7DB37D }
```

Background

The CSS property to change the background color of an element to Hex 7DB37D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB37D }
```

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

```
.background{ background-color:#7DB37D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor