

Converting Colors

Hex(7BD97D)

Have a look what the booklet for
Hex(7BD97D) contains.

Hex(7BD97D)	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(7BD97D)

Conversions

Conversions Part 1

Format	Color
Hex	7BD97D
RGB	123, 217, 125
RGB Percent	48%, 85%, 49%
CMY	0.5176, 0.1490, 0.5098
CMYK	0.43, 0.00, 0.42, 0.15
HSL	121°, 55%, 67%
HSV	121°, 43%, 85%
XYZ	36.6829, 55.3173, 28.1460
YIQ	178.4060, -26.4920, -48.5400

Conversions

Conversions Part 2

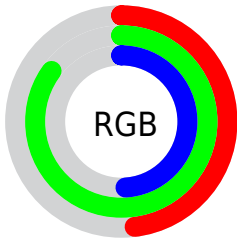
Format	Color
RYB	123, 215, 217
Decimal	8116605
CIELab	79.22, -46.41, 36.78
CIElCh	79, 59.214, 141.607
Yxy	55.3173, 0.3053, 0.4604
Android (android.graphics.Color)	4286306685 (0xFF7BD97D)
YUV	178.4060, -26.3292, -48.5911
Hunter-Lab	74.3756, -42.1191, 29.6258

Details

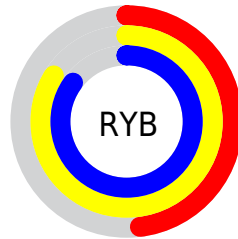
The Hex color **7BD97D** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D97BD7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **B4FFB3**, and **42A14A** is the 20% darker color. If you saturate the color by 10%, you get **65D968**, and if you desaturate by 10%, it is **91D992**.

Distribution



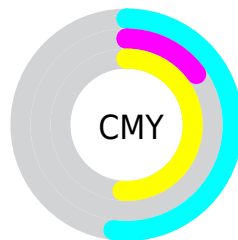
- Red (48%)
- Green (85%)
- Blue (49%)



- Red (48%)
- Yellow (84%)
- Blue (85%)



- Cyan (43%)
- Magenta (0%)
- Yellow (42%)
- Black (15%)



- Cyan (52%)
- Magenta (15%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BD97D 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 7BD97D by changing the saturation by 10% instead.

 7BD97D

 7BD97D

FFFFFF

 5FB663

 B4FFB3

 42A14A

 D1FFCF

 228732

 EEFFEB

 006D19

 005300

 003B00

 002600

 000000

 7BD97D

 7BD97D

 65D968

 91D992

 50D953

 A6D9A7

 3AD93D

 BCD9BD

 24D928

 D2D9D2

 0FD913

 E8D9E7

 00D905

 FDD9FC

 FFD9FF

Harmonies

Analogous

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



BDCD59



7BD97D



00DFB2

Triad

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



7BD97D



00CFFF



FF979F

Complementary

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



7BD97D



D97BD7

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.



FF96D6



7BD97D



AEBCFF

Square

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



7BD97D



00DBFF



F9A6FF



FFA76F

Rectangle

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



7BD97D



00E0D9



F9A6FF



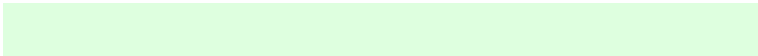
FF95B1

Sweetspot

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



7BD97D



DEFFDF



D7D97B



6B806C



000000



808080

Same Dimension

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



7BD97D



7AFF7D



7BD9AC



636E63



00AD04



002E01

Inverse Universe

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



D97BD7



FF7AFC



D97BA8



6E636D



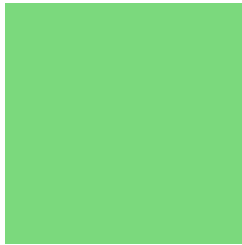
AD00AA



2E002D

Previews

White Background



This preview shows how the Hex color 7BD97D 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 7BD97D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

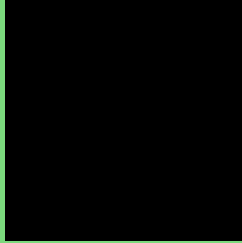
Any Text WCAG AA ✓ Pass

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 7BD97D Background



This preview shows how black text looks on a background with the Hex color 7BD97D.

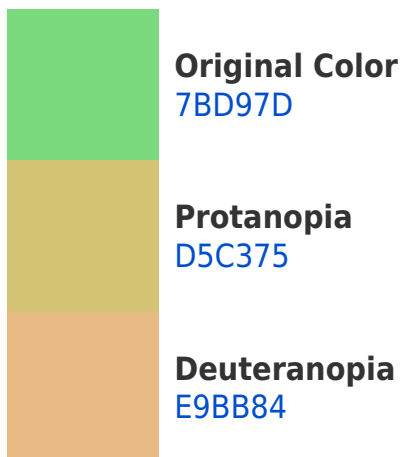


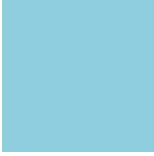
This preview shows how white text looks on a background with the Hex color 7BD97D.

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
8FCEDE

Trichromacy



Original Color
7BD97D



Protanomaly
B4CB78



Deuteranomaly
C1C681



Tritanomaly
88D2BB

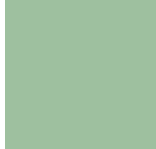
Monochromacy



Original Color
7BD97D



Achromatopsia
B2B2B2



Achromatomaly
9EC09F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BD97D 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 #7BD97D looks like.

```
.text, #text, p{  
    color:#7BD97D  
}
```

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 #7BD97D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BD97D
}
```

Border

The CSS property to change the border of an element to Hex 7BD97D 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
#7BD97D }
```

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

```
.border{ border-color:#7BD97D }
```

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

Here you see how a box with a 4 pixel #7BD97D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BD97D; -webkit-box-shadow:4px 4px  
4px 4px #7BD97D; box-shadow:4px 4px 4px  
4px #7BD97D }
```

Background

The CSS property to change the background color of an element to Hex 7BD97D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BD97D }
```

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

```
.background{ background-color:#7BD97D }
```

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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