

Converting Colors

Hex(7DA787)

Have a look what the booklet for
Hex(7DA787) contains.

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Color

Hex(7DA787)

Conversions

Conversions Part 1

Format	Color
Hex	7DA787
RGB	125, 167, 135
RGB Percent	49%, 65%, 53%
CMY	0.5098, 0.3451, 0.4706
CMYK	0.25, 0.00, 0.19, 0.35
HSL	134°, 19%, 57%
HSV	134°, 25%, 65%
XYZ	26.6493, 33.7467, 28.0309
YIQ	150.7940, -14.7600, -18.8560

Conversions

Conversions Part 2

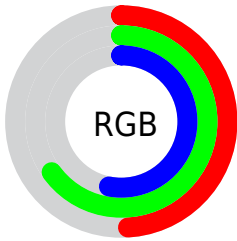
Format	Color
RYB	125, 159, 167
Decimal	8234887
CIELab	64.76, -20.85, 12.01
CIELCh	65, 24.066, 150.054
Yxy	33.7467, 0.3014, 0.3816
Android (android.graphics.Color)	4286424967 (0xFF7DA787)
YUV	150.7940, -7.7864, -22.6213
Hunter-Lab	58.0919, -19.7749, 12.0553

Details

The Hex color **7DA787** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A77D9D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B2DEBC**, and **4B7355** is the 20% darker color. If you saturate the color by 10%, you get **6CA77A**, and if you desaturate by 10%, it is **8EA794**.

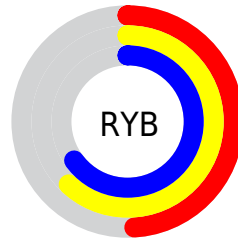
Distribution



Red (49%)

Green (65%)

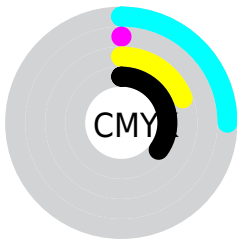
Blue (53%)



Red (49%)

Yellow (62%)

Blue (65%)

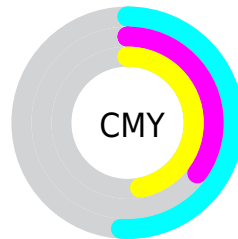


Cyan (25%)

Magenta (0%)

Yellow (19%)

Black (35%)



Cyan (51%)

Magenta (35%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DA787 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 7DA787 by changing the saturation by 10% instead.



7DA787



7DA787

FFFFFF



648C6E



B2DEBC



4B7355



CEFBD8



335A3E



EBFFF5



1C4228



032C13



001900



000000



7DA787



7DA787



6CA77A



8EA794

 5CA76E

 9EA7A0

 4BA761

 AFA7AD

 3AA754


 C0A7BA

 29A747

 D0A7C7

 19A73B

 E1A7D3

 08A72E

 F2A7E0

 00A728

 FFA7ED

 FFA7FA

Harmonies

Analogous

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



96A277



7DA787



67A99C

Triad

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



7DA787



839FC8



C88F89

Complementary

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



7DA787



A77D9D

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.



C78E9E



7DA787



A198C2

Square

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



7DA787



68A5C2



B991B3



BF9479

Rectangle

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



7DA787



5FA9AB



B991B3



C98E8F

Sweetspot

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



7DA787



C7D9CC



9DA77D



636E65



EDEDED



6E6E6E

Same Dimension

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



7DA787



98D9A7



7DA79C



4C544E



009423



001405

Inverse Universe

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



A77D9D



D998C9



A77D88



544C52



940071



140010

Previews

White Background



This preview shows how the Hex color 7DA787 looks on a white background.

Color Contrast Check

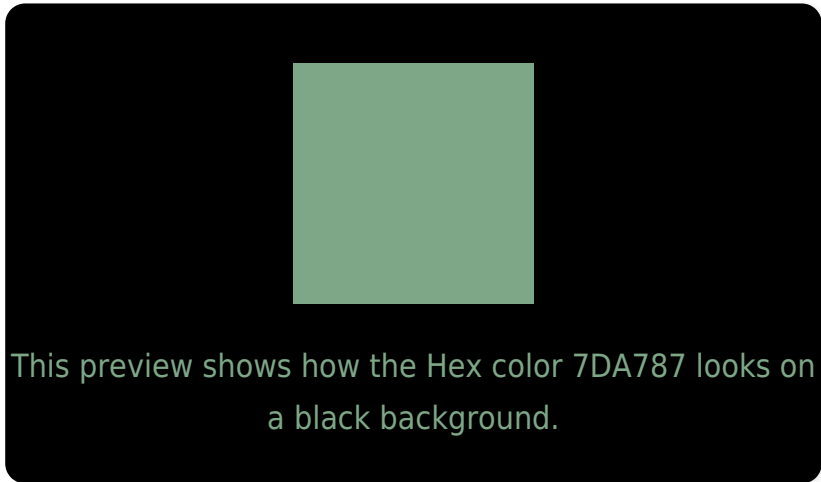
Large Text (above 18pt) WCAG AA × Fail

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

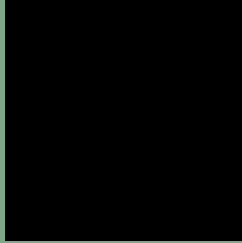
Any Text WCAG AA ✓ Pass

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 7DA787 Background



This preview shows how black text looks on a background with the Hex color 7DA787.

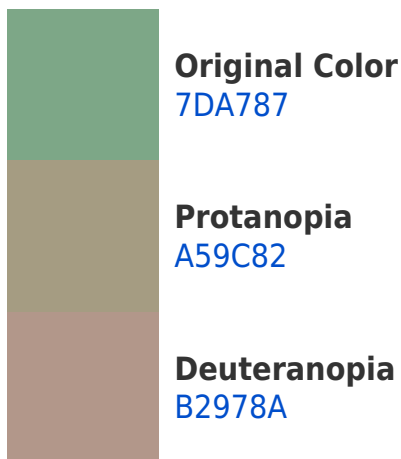


This preview shows how white text looks on a background with the Hex color 7DA787.

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](#).

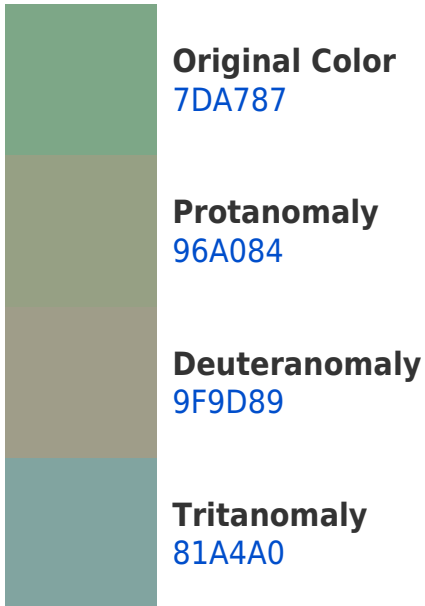
Dichromacy





Tritanopia
84A2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA787 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 #7DA787 looks like.

```
.text, #text, p{  
    color:#7DA787  
}
```

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 #7DA787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA787
}
```

Border

The CSS property to change the border of an element to Hex 7DA787 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
#7DA787 }
```

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

```
.border{ border-color:#7DA787 }
```

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

Here you see how a box with a 4 pixel #7DA787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA787; -webkit-box-shadow:4px 4px  
4px 4px #7DA787; box-shadow:4px 4px 4px  
4px #7DA787 }
```

Background

The CSS property to change the background color of an element to Hex 7DA787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA787 }
```

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

```
.background{ background-color:#7DA787 }
```

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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