

Converting Colors

Hex(7DA791)

Have a look what the booklet for
Hex(7DA791) contains.

Hex(7DA791)	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(7DA791)

Conversions

Conversions Part 1

Format	Color
Hex	7DA791
RGB	125, 167, 145
RGB Percent	49%, 65%, 57%
CMY	0.5098, 0.3451, 0.4314
CMYK	0.25, 0.00, 0.13, 0.35
HSL	149°, 19%, 57%
HSV	149°, 25%, 65%
XYZ	27.3870, 34.0417, 31.9153
YIQ	151.9340, -17.9700, -15.7460

Conversions

Conversions Part 2

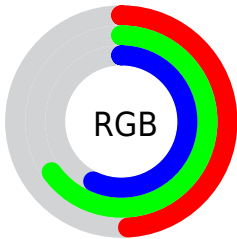
Format	Color
RYB	125, 153, 167
Decimal	8234897
CIELab	65.00, -18.87, 6.79
CIELCh	65, 20.058, 160.204
Yxy	34.0417, 0.2934, 0.3647
Android (android.graphics.Color)	4286424977 (0xFF7DA791)
YUV	151.9340, -3.4185, -23.6211
Hunter-Lab	58.3453, -18.3172, 8.4096

Details

The Hex color **7DA791** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A77D93**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B2DEC7**, and **4B735F** is the 20% darker color. If you saturate the color by 10%, you get **6CA788**, and if you desaturate by 10%, it is **8EA79A**.

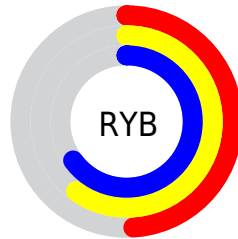
Distribution



Red (49%)

Green (65%)

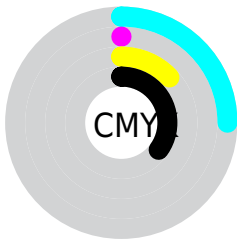
Blue (57%)



Red (49%)

Yellow (60%)

Blue (65%)

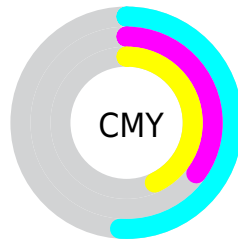


Cyan (25%)

Magenta (0%)

Yellow (13%)

Black (35%)



Cyan (51%)

Magenta (35%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DA791 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 7DA791 by changing the saturation by 10% instead.

 7DA791

 7DA791

FFFFFF

 638D77

 B2DEC7

 4B735F

 CEFBE3

 335A47

 EBFFFF

 1C4331

 032C1C

 001901

 000000

 7DA791

 7DA791

 6CA788

 8EA79A

 5CA780

 9EA7A2

 4BA777

 AFA7AB

 3AA76E

 C0A7B4

 29A765

 D0A7BD

 19A75D

 E1A7C5

 08A754

 F2A7CE

 00A750

 FFA7D7

 FFA7E0

Harmonies

Analogous

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



91A482



7DA791



6FA8A3

Triad

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



7DA791



919DC1



C19387

Complementary

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



7DA791



A77D93

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.



C29198



7DA791



A897B9

Square

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



7DA791



7AA3BF



BA92AA



B6997C

Rectangle

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



7DA791



6CA7AF



BA92AA



C2928C

Sweetspot

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



7DA791



C7D9D0



93A77D



636E68



EDEDED



6E6E6E

Same Dimension

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



7DA791



98D9B7



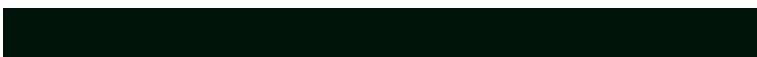
7DA7A6



4C5450



009446



00140A

Inverse Universe

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



A77D93



D998BA



A77D7E



544C50



94004D



14000B

Previews

White Background



This preview shows how the Hex color 7DA791 looks on a white background.

Color Contrast Check

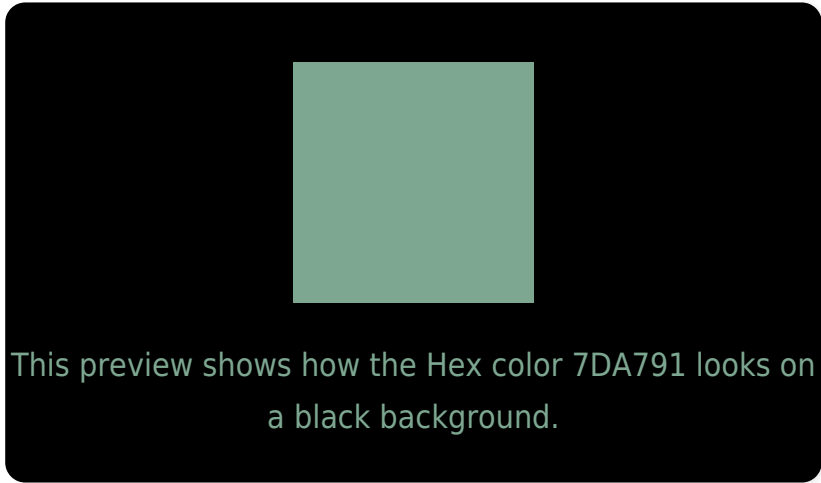
Large Text (above 18pt) WCAG AA × Fail

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

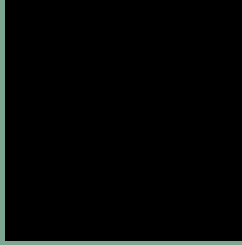
Any Text WCAG AA ✓ Pass

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 7DA791 Background



This preview shows how black text looks on a background with the Hex color 7DA791.



This preview shows how white text looks on a background with the Hex color 7DA791.

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](#).

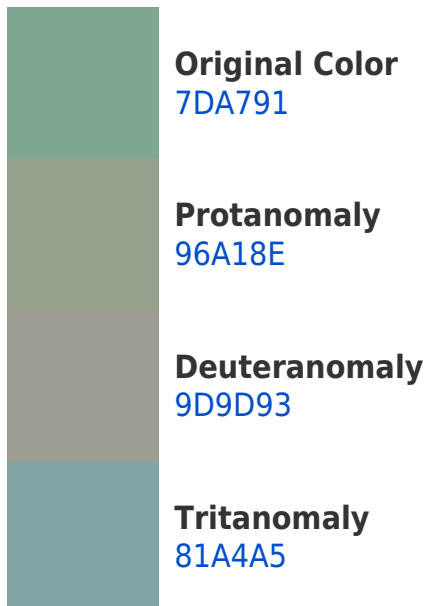
Dichromacy



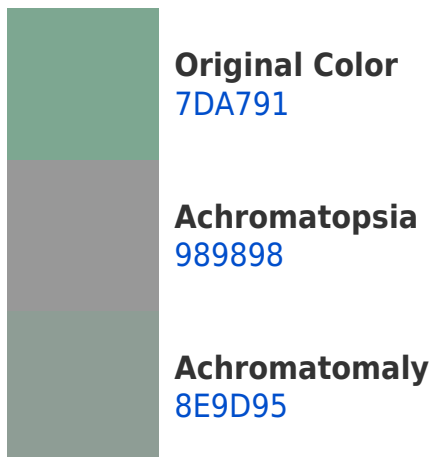


Tritanopia
83A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA791 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 #7DA791 looks like.

```
.text, #text, p{  
    color:#7DA791  
}
```

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 #7DA791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA791
}
```

Border

The CSS property to change the border of an element to Hex 7DA791 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
#7DA791 }
```

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

```
.border{ border-color:#7DA791 }
```

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

Here you see how a box with a 4 pixel #7DA791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA791; -webkit-box-shadow:4px 4px  
4px 4px #7DA791; box-shadow:4px 4px 4px  
4px #7DA791 }
```

Background

The CSS property to change the background color of an element to Hex 7DA791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA791 }
```

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

```
.background{ background-color:#7DA791 }
```

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