

Converting Colors

Hex(7DA4A6)

Have a look what the booklet for
Hex(7DA4A6) contains.

Hex(7DA4A6)	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(7DA4A6)

Conversions

Conversions Part 1

Format	Color
Hex	7DA4A6
RGB	125, 164, 166
RGB Percent	49%, 64%, 65%
CMY	0.5098, 0.3569, 0.3490
CMYK	0.25, 0.01, 0.00, 0.35
HSL	183°, 19%, 57%
HSV	183°, 25%, 65%
XYZ	28.6158, 33.6641, 41.0660
YIQ	152.5670, -23.8860, -7.6460

Conversions

Conversions Part 2

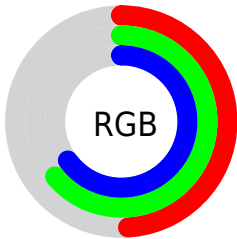
Format	Color
RYB	125, 145, 166
Decimal	8234150
CIELab	64.70, -12.71, -5.37
CIELCh	65, 13.798, 202.911
Yxy	33.6641, 0.2769, 0.3257
Android (android.graphics.Color)	4286424230 (0xFF7DA4A6)
YUV	152.5670, 6.6225, -24.1763
Hunter-Lab	58.0207, -13.5001, -1.3498

Details

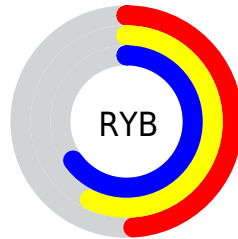
The Hex color **7DA4A6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A67F7D**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B3DBDD**, and **4B7072** is the 20% darker color. If you saturate the color by 10%, you get **6CA3A6**, and if you desaturate by 10%, it is **8EA5A6**.

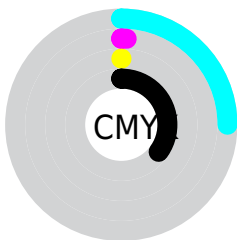
Distribution



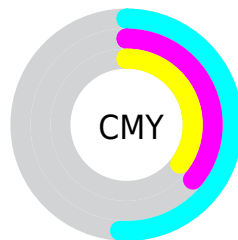
- Red (49%)
- Green (64%)
- Blue (65%)



- Red (49%)
- Yellow (57%)
- Blue (65%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (51%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DA4A6 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 7DA4A6 by changing the saturation by 10% instead.

■ 7DA4A6

■ 7DA4A6

FFFFFF

■ 638A8C

■ B3DBDD

■ 4B7072

■ CEF8FA

■ 32585A

■ EBFFFF

■ 1A4042

■ 012A2C

■ 001718

■ 000000

■ 7DA4A6

■ 7DA4A6

■ 6CA3A6

■ 8EA5A6

5CA2A6

9EA6A6

4BA2A6

AFA6A6

3BA1A6

BFA7A6

2AA0A6

D0A8A6

199FA6

E1A9A6

099EA6

F1AAA6

009EA6

FFAAA6

FFABA6

Harmonies

Analogous

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



83A499



7DA4A6



80A2B0

Triad

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



7DA4A6



AA97AC



AA9B85

Complementary

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



7DA4A6



A67F7D

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.



B3978A



7DA4A6



B495A0

Square

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



7DA4A6



9C9BB4



B79594



9D9F86

Rectangle

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



7DA4A6



87A0B4



B79594



AD9A86

Sweetspot

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



7DA4A6



CAD8D9



7DA67E



656D6E



EDEDED



6E6E6E

Same Dimension

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



7DA4A6



98D6D9



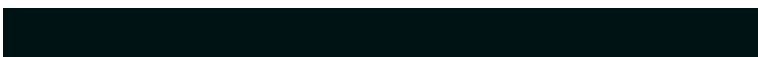
7D90A6



4C5454



008D94



001314

Inverse Universe

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



A67DA4



D998D6



A6937D



544C54



94008D



140013

Previews

White Background



This preview shows how the Hex color 7DA4A6 looks on a white background.

Color Contrast Check

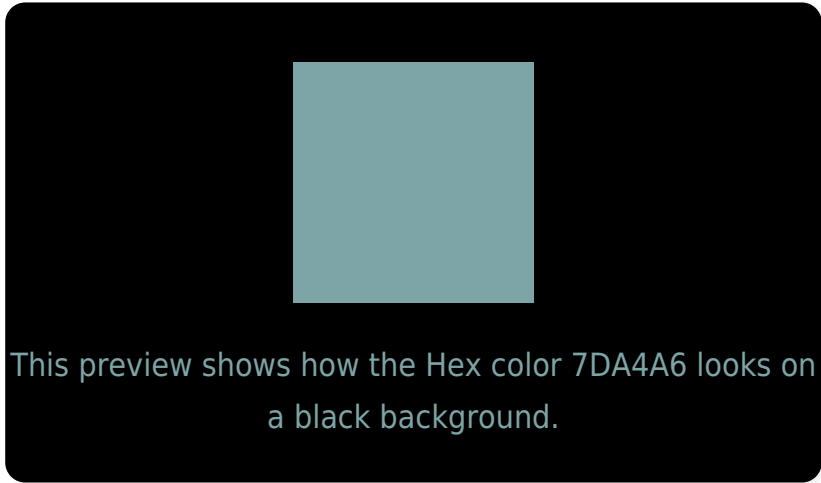
Large Text (above 18pt) WCAG AA × Fail

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

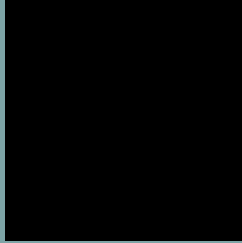
Any Text WCAG AA ✓ Pass

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 7DA4A6 Background



This preview shows how black text looks on a background with the Hex color 7DA4A6.

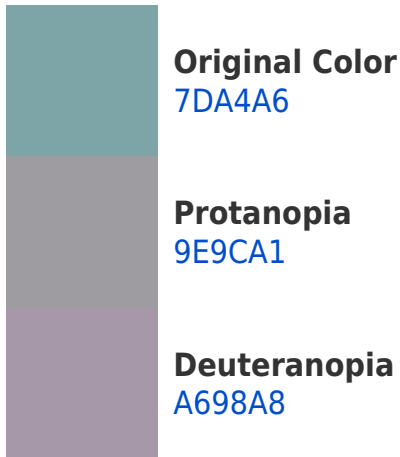


This preview shows how white text looks on a background with the Hex color 7DA4A6.

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](#).

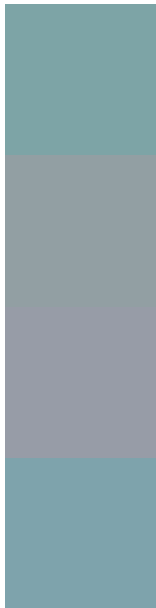
Dichromacy





Tritanopia
7FA3B0

Trichromacy



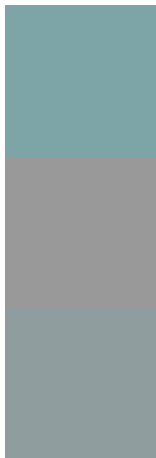
Original Color
7DA4A6

Protanomaly
929FA3

Deuteranomaly
979CA7

Tritanomaly
7EA3AC

Monochromacy



Original Color
7DA4A6

Achromatopsia
999999

Achromatomaly
8F9D9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA4A6 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 #7DA4A6 looks like.

```
.text, #text, p{  
    color:#7DA4A6  
}
```

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 #7DA4A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA4A6
}
```

Border

The CSS property to change the border of an element to Hex 7DA4A6 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
#7DA4A6 }
```

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

```
.border{ border-color:#7DA4A6 }
```

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

Here you see how a box with a 4 pixel #7DA4A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA4A6; -webkit-box-shadow:4px 4px  
4px 4px #7DA4A6; box-shadow:4px 4px 4px  
4px #7DA4A6 }
```

Background

The CSS property to change the background color of an element to Hex 7DA4A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA4A6 }
```

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

```
.background{ background-color:#7DA4A6 }
```

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