

Converting Colors

Hex(4DA7B2)

Have a look what the booklet for
Hex(4DA7B2) contains.

Hex(4DA7B2)	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(4DA7B2)

Conversions

Conversions Part 1

Format	Color
Hex	4DA7B2
RGB	77, 167, 178
RGB Percent	30%, 65%, 70%
CMY	0.6980, 0.3451, 0.3020
CMYK	0.57, 0.06, 0.00, 0.30
HSL	187°, 40%, 50%
HSV	187°, 57%, 70%
XYZ	24.9152, 32.4296, 47.0658
YIQ	141.3440, -57.1710, -15.6590

Conversions

Conversions Part 2

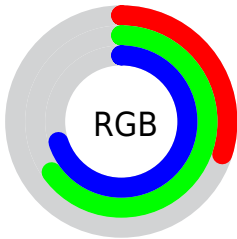
Format	Color
RYB	77, 125, 178
Decimal	5089202
CIELab	63.70, -23.52, -13.81
CIElCh	64, 27.278, 210.424
Yxy	32.4296, 0.2386, 0.3106
Android (android.graphics.Color)	4283279282 (0xFF4DA7B2)
YUV	141.3440, 18.0714, -56.4297
Hunter-Lab	56.9470, -21.5607, -9.1395

Details

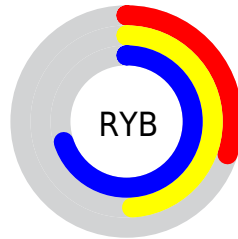
The Hex color **4DA7B2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B2584D**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **87DEEA**, and **00737D** is the 20% darker color. If you saturate the color by 10%, you get **3BA5B2**, and if you desaturate by 10%, it is **5FA9B2**.

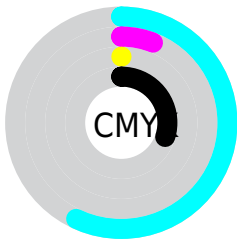
Distribution



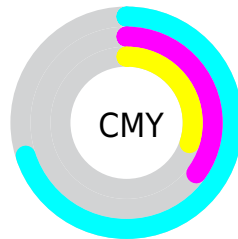
- Red (30%)
- Green (65%)
- Blue (70%)



- Red (30%)
- Yellow (49%)
- Blue (70%)



- Cyan (57%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DA7B2 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 4DA7B2 by changing the saturation by 10% instead.

 4DA7B2

 4DA7B2


FFFFFF

 2D8C97

 87DEEA

 00737D

 A3FBFF

 005A64

 C0FFFF

 00424D

 DEFFFF

 002B36

 FBFFFF

 001621

 000007

 000000

 4DA7B2

 4DA7B2

3BA5B2

5FA9B2

29A3B2

71ABB2

18A1B2

82ADB2

069FB2

94AFB2

009FB2

A6B1B2

B8B3B2

CAB5B2

DBB7B2

EDB8B2

Harmonies

Analogous

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



5BA89A



4DA7B2



5BA3C4

Triad

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



4DA7B2



BA8CB3



AB996A

Complementary

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



4DA7B2



B2584D

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.



BF9171



4DA7B2



C9889B

Square

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



4DA7B2



9E94C4



CA8A83



91A070

Rectangle

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



4DA7B2



6F9FCA



CA8A83



B3966B

Sweetspot

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



4DA7B2



C1E4E8



4DB257



5E7375



F5F5F5



757575

Same Dimension

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



4DA7B2



4AD7E8



4D75B2



505859



008899



00171A

Inverse Universe

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



B24DA7



E84AD7



B28A4D



595058



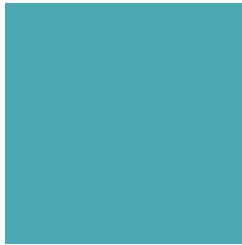
990088



1A0017

Previews

White Background



This preview shows how the Hex color 4DA7B2 looks on a white background.

Color Contrast Check

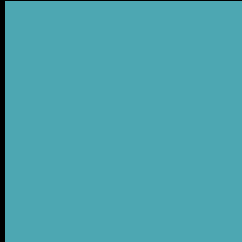
Large Text (above 18pt) WCAG AA × Fail

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 4DA7B2 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 4DA7B2 Background



This preview shows how black text looks on a background with the Hex color 4DA7B2.

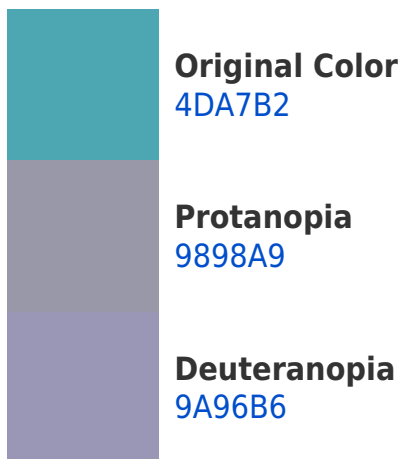


This preview shows how white text looks on a background with the Hex color 4DA7B2.

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
4EA7B4

Trichromacy



Original Color
4DA7B2



Protanomaly
7D9DAC



Deuteranomaly
7E9CB5



Tritanomaly
4EA7B3

Monochromacy



Original Color
4DA7B2



Achromatopsia
8D8D8D



Achromatomaly
76969A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DA7B2 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 #4DA7B2 looks like.

```
.text, #text, p{  
    color:#4DA7B2  
}
```

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 #4DA7B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA7B2
}
```

Border

The CSS property to change the border of an element to Hex 4DA7B2 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
#4DA7B2 }
```

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

```
.border{ border-color:#4DA7B2 }
```

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

Here you see how a box with a 4 pixel #4DA7B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA7B2; -webkit-box-shadow:4px 4px  
4px 4px #4DA7B2; box-shadow:4px 4px 4px  
4px #4DA7B2 }
```

Background

The CSS property to change the background color of an element to Hex 4DA7B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA7B2 }
```

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

```
.background{ background-color:#4DA7B2 }
```

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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