

Converting Colors

Hex(4DA7D1)

Have a look what the booklet for
Hex(4DA7D1) contains.

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Color

Hex(4DA7D1)

Conversions

Conversions Part 1

Format	Color
Hex	4DA7D1
RGB	77, 167, 209
RGB Percent	30%, 65%, 82%
CMY	0.6980, 0.3451, 0.1804
CMYK	0.63, 0.20, 0.00, 0.18
HSL	199°, 59%, 56%
HSV	199°, 63%, 82%
XYZ	28.3879, 33.8187, 65.3531
YIQ	144.8780, -67.1220, -6.0180

Conversions

Conversions Part 2

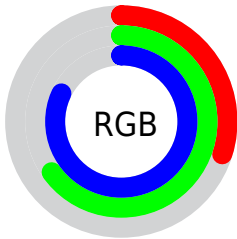
Format	Color
RYB	77, 131, 209
Decimal	5089233
CIELab	64.82, -14.13, -29.36
CIElCh	65, 32.589, 244.299
Yxy	33.8187, 0.2225, 0.2651
Android (android.graphics.Color)	4283279313 (0xFF4DA7D1)
YUV	144.8780, 31.6121, -59.5290
Hunter-Lab	58.1538, -14.6340, -25.9222

Details

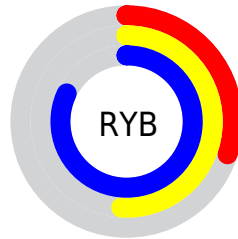
The Hex color **4DA7D1** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D1774D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **8ADEFF**, and **00739A** is the 20% darker color. If you saturate the color by 10%, you get **38A0D1**, and if you desaturate by 10%, it is **62AED1**.

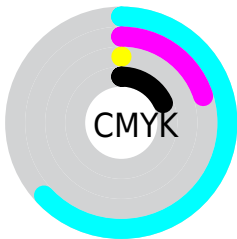
Distribution



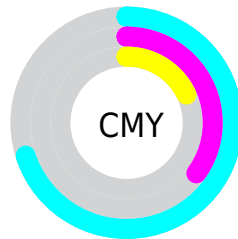
- Red (30%)
- Green (65%)
- Blue (82%)



- Red (30%)
- Yellow (51%)
- Blue (82%)



- Cyan (63%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (70%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DA7D1 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 4DA7D1 by changing the saturation by 10% instead.

■ 4DA7D1

■ 4DA7D1

FFFFFF

■ 298DB5

■ 8ADEFF

■ 00739A

■ A7FBFF

■ 005A80

■ C5FFFF

■ 004367

■ E3FFFF

■ 002D4F

■ 001938

■ 000222

■ 000008

■ 000000

■ 4DA7D1

■ 4DA7D1

■ 38A0D1

■ 62AED1

■ 239AD1

■ 77B4D1

■ 0E93D1

■ 8CBBD1

■ 008FD1

■ A1C2D1

■ B6C8D1

■ CACFD1

■ DFD6D1

■ F4DCD1

■ FFE3D1

Harmonies

Analogous

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



32ACBD



4DA7D1



7B9FD7

Triad

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



4DA7D1



D5879A



8EA56C

Complementary

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



4DA7D1



D1774D

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.



AD9D63



4DA7D1



D58A7E

Square

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



4DA7D1



C68BB7



C69369



6BAB83

Rectangle

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



4DA7D1



9998D2



C69369



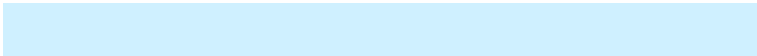
99A367

Sweetspot

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



4DA7D1



CFF0FF



4DD177



627680



000000



808080

Same Dimension

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



4DA7D1



3DC1FF



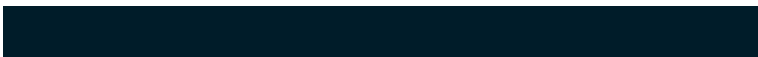
4D65D1



5E6569



0073A8



001C29

Inverse Universe

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



D14DA7



FF3DC1



D1B94D



695E65



A80073



29001C

Previews

White Background



This preview shows how the Hex color 4DA7D1 looks on a white background.

Color Contrast Check

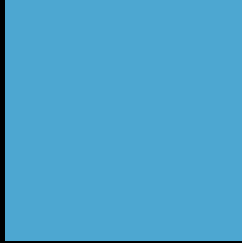
Large Text (above 18pt) WCAG AA × Fail

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 4DA7D1 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 4DA7D1 Background



This preview shows how black text looks on a background with the Hex color 4DA7D1.

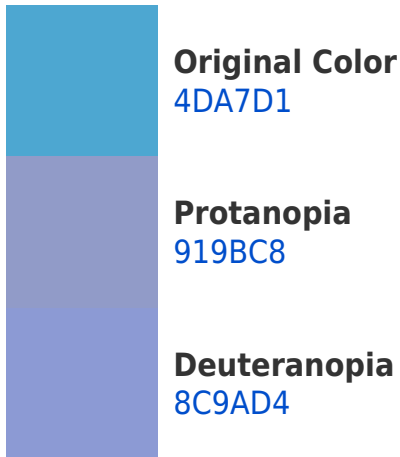


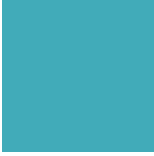
This preview shows how white text looks on a background with the Hex color 4DA7D1.

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](#).

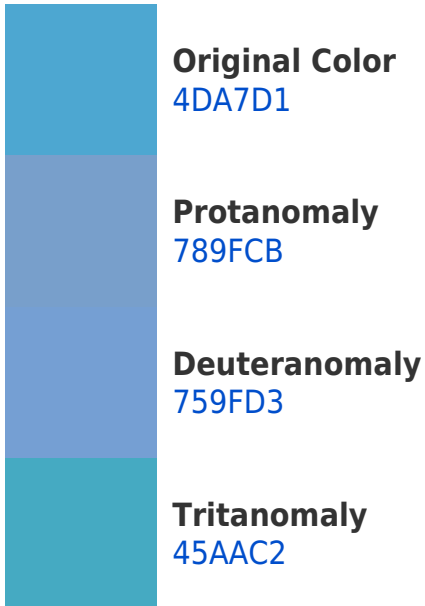
Dichromacy



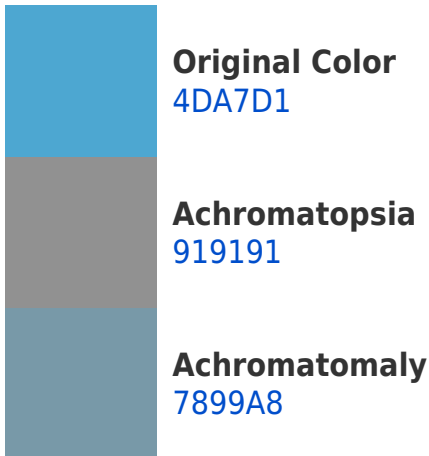


Tritanopia
41ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DA7D1 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 #4DA7D1 looks like.

```
.text, #text, p{  
    color:#4DA7D1  
}
```

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 #4DA7D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA7D1
}
```

Border

The CSS property to change the border of an element to Hex 4DA7D1 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
#4DA7D1 }
```

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

```
.border{ border-color:#4DA7D1 }
```

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

Here you see how a box with a 4 pixel #4DA7D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA7D1; -webkit-box-shadow:4px 4px  
4px 4px #4DA7D1; box-shadow:4px 4px 4px  
4px #4DA7D1 }
```

Background

The CSS property to change the background color of an element to Hex 4DA7D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA7D1 }
```

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

```
.background{ background-color:#4DA7D1 }
```

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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