

# Converting Colors

Hex(4DA4D2)

Have a look what the booklet for  
Hex(4DA4D2) contains.

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# **Color**

**Hex(4DA4D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DA4D2
RGB	77, 164, 210
RGB Percent	30%, 64%, 82%
CMY	0.6980, 0.3569, 0.1765
CMYK	0.63, 0.22, 0.00, 0.18
HSL	201°, 60%, 56%
HSV	201°, 63%, 82%
XYZ	27.9689, 32.7818, 65.8262
YIQ	143.2310, -66.6180, -4.1380

# Conversions

## Conversions Part 2

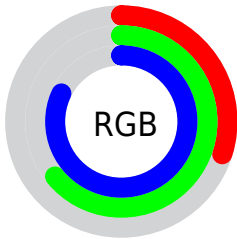
Format	Color
<a href="#">RYB</a>	<a href="#">77, 130, 210</a>
Decimal	<a href="#">5088466</a>
CIELab	<a href="#">63.98, -12.19, -31.21</a>
CIElCh	<a href="#">64, 33.505, 248.667</a>
Yxy	<a href="#">32.7818, 0.2210, 0.2590</a>
Android (android.graphics.Color)	<a href="#">4283278546</a> ( <a href="#">0xFF4DA4D2</a> )
YUV	<a href="#">143.2310, 32.9171, -58.0846</a>
Hunter-Lab	<a href="#">57.2554, -13.0010, -28.0865</a>

# Details

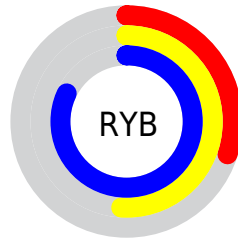
The Hex color **4DA4D2** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D27B4D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8ADBFF**, and **00709B** is the 20% darker color. If you saturate the color by 10%, you get **389DD2**, and if you desaturate by 10%, it is **62ABD2**.

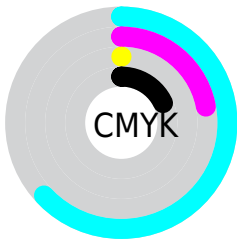
# Distribution



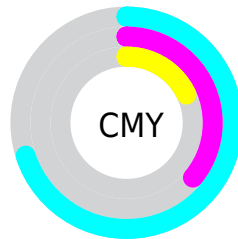
- Red (30%)
- Green (64%)
- Blue (82%)



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



- Cyan (63%)
- Magenta (22%)
- Yellow (0%)
- Black (18%)



- Cyan (70%)
- Magenta (36%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DA4D2 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 4DA4D2 by changing the saturation by 10% instead.



■ 4DA4D2

■ 4DA4D2

FFFFFF

■ 298AB6

■ 8ADBFF

■ 00709B

■ A7F7FF

■ 005881

■ C5FFFF

■ 004168

■ E3FFFF

■ 002B4F

■ 001738

■ 000222

■ 000009

■ 000000

■ 4DA4D2

■ 4DA4D2

■ 389DD2

■ 62ABD2

■ 2395D2

■ 77B3D2

■ 0E8ED2

■ 8CBAD2

■ 0089D2

■ A1C1D2

■ B6C8D2

■ CBD0D2

■ E0D7D2

■ F5DED2

■ FFE5D2

# Harmonies

## Analogous

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



28A9BF



4DA4D2



7F9BD6

# Triad

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



4DA4D2



D58493



86A46B

# Complementary

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



4DA4D2



D27B4D

# 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.



A79C5F



4DA4D2



D28877

# Square

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



4DA4D2



C887B1



C19264



61A984

# Rectangle

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



4DA4D2



9D94CF



C19264



91A266

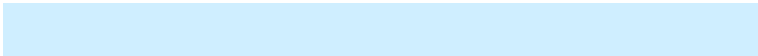


# Sweetspot

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



4DA4D2



CFE EFF



4DD279



627580



000000



808080



# Same Dimension

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



4DA4D2



3DBCFF



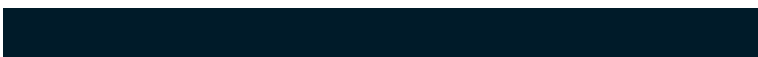
4D63D2



5E6569



006EA8



001B29



# Inverse Universe

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



D24DA4



FF3DBC



D2BC4D



695E65



A8006E



29001B



# Previews

## White Background



This preview shows how the Hex color 4DA4D2 looks on a white background.

## Color Contrast Check

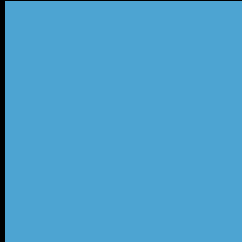
Large Text (above 18pt) WCAG AA × Fail

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 4DA4D2 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 4DA4D2 Background



This preview shows how black text looks on a background with the Hex color 4DA4D2.

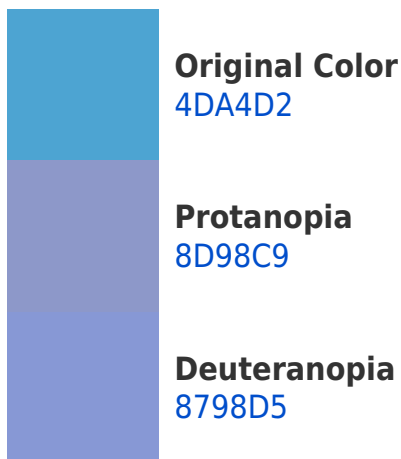


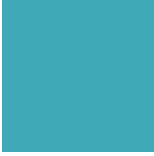
This preview shows how white text looks on a background with the Hex color 4DA4D2.

# 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](#).

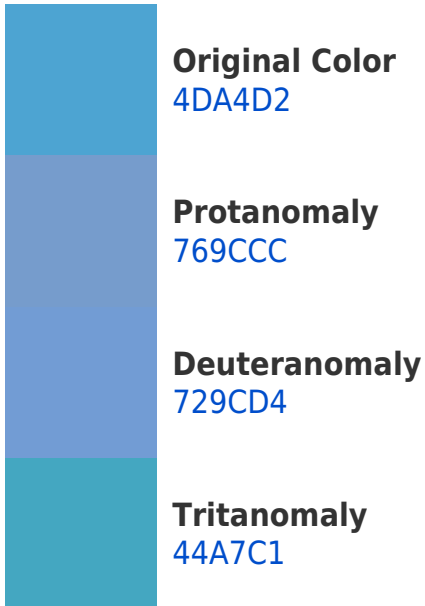
## Dichromacy



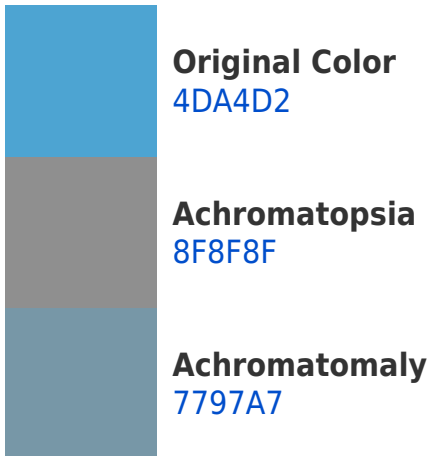


**Tritanopia**  
3FA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DA4D2 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 #4DA4D2 looks like.

```
.text, #text, p{  
    color:#4DA4D2  
}
```

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 #4DA4D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA4D2
}
```

## Border

The CSS property to change the border of an element to Hex 4DA4D2 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
#4DA4D2 }
```

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

```
.border{ border-color:#4DA4D2 }
```

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

Here you see how a box with a 4 pixel #4DA4D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA4D2; -webkit-box-shadow:4px 4px  
4px 4px #4DA4D2; box-shadow:4px 4px 4px  
4px #4DA4D2 }
```

# Background

The CSS property to change the background color of an element to Hex 4DA4D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA4D2 }
```

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

```
.background{ background-color:#4DA4D2 }
```

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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