

# Converting Colors

Hex(4DA3A1)

Have a look what the booklet for  
Hex(4DA3A1) contains.

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# Color

**Hex(4DA3A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DA3A1
RGB	77, 163, 161
RGB Percent	30%, 64%, 63%
CMY	0.6980, 0.3608, 0.3686
CMYK	0.53, 0.00, 0.01, 0.36
HSL	179°, 36%, 47%
HSV	179°, 53%, 64%
XYZ	22.5908, 30.3454, 38.3848
YIQ	137.0580, -50.6140, -18.8540

# Conversions

## Conversions Part 2

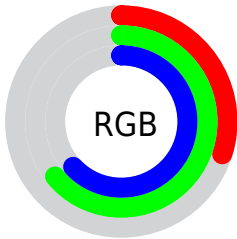
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 121, 163
Decimal	5088161
CIELab	61.95, -26.28, -6.89
CIElCh	62, 27.165, 194.686
Yxy	30.3454, 0.2474, 0.3323
Android (android.graphics.Color)	4283278241 (0xFF4DA3A1)
YUV	137.0580, 11.8034, -52.6709
Hunter-Lab	55.0866, -23.1996, -2.7531

# Details

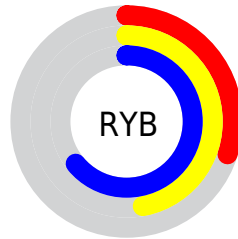
The Hex color **4DA3A1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A34D4F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **85DAD8**, and **036F6E** is the 20% darker color. If you saturate the color by 10%, you get **3DA3A1**, and if you desaturate by 10%, it is **5DA3A1**.

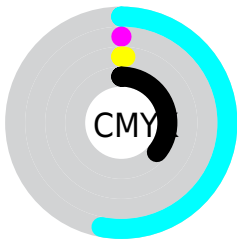
# Distribution



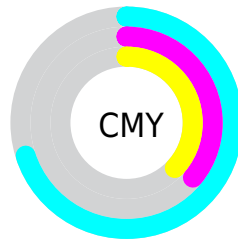
- Red (30%)
- Green (64%)
- Blue (63%)



- Red (30%)
- Yellow (47%)
- Blue (64%)



- Cyan (53%)
- Magenta (0%)
- Yellow (1%)
- Black (36%)



- Cyan (70%)
- Magenta (36%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DA3A1 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 4DA3A1 by changing the saturation by 10% instead.



4DA3A1

4DA3A1

FFFFFF

2F8987

85DAD8

036F6E

A1F7F4

005655

BEFFFF

003E3E

DBFFFF

002828

F9FFFF

000E14

000000

4DA3A1

4DA3A1

3DA3A1

5DA3A1

■ 2CA3A0

■ 6EA3A2

■ 1CA3A0

■ 7EA3A2

■ 0CA39F

■ 8EA3A3

■ 00A39F

■ 9FA3A3

■ AFA3A3

■ BFA3A4

■ CFA3A4

■ E0A3A4

# Harmonies

## Analogous

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



64A288



4DA3A1



4BA1B7

# Triad

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



4DA3A1



A88BB8



B29068

# Complementary

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



4DA3A1



A34D4F

# 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.



C18875



4DA3A1



BD85A3

# Square

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



4DA3A1



8894C4



C6848B



9B9867

# Rectangle

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



4DA3A1



5A9EC1



C6848B



B88D6B



# Sweetspot

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



4DA3A1



B2D4D3



50A34D



576B6B



EBEBEB



6B6B6B



# Same Dimension

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



4DA3A1



4ED4D1



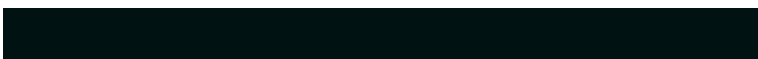
4D7BA3



495251



00918E



001211



# Inverse Universe

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



A34D4F



D44E51



A3754D



52494A



910003

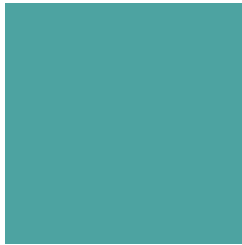


120000



# Previews

## White Background



This preview shows how the Hex color 4DA3A1 looks on a white background.

## Color Contrast Check

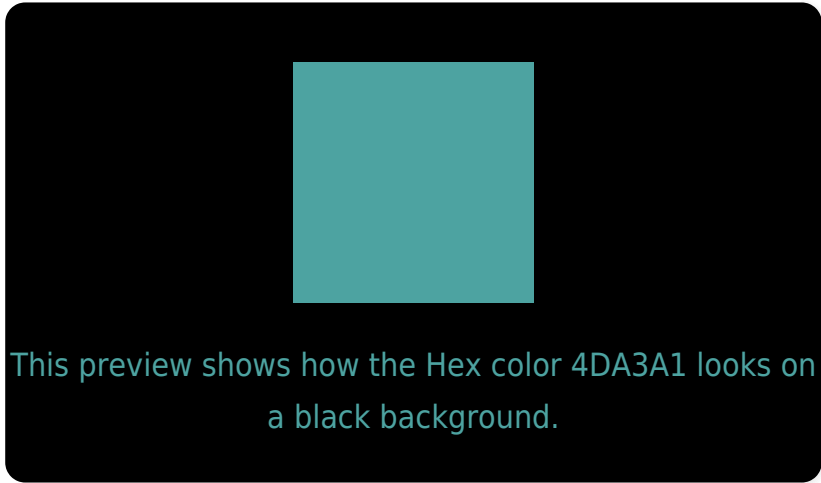
Large Text (above 18pt) WCAG AA × Fail

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

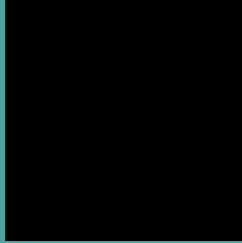
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

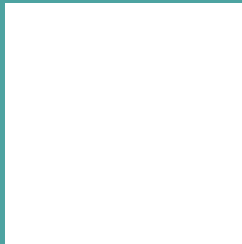
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4DA3A1 Background



This preview shows how black text looks on a background with the Hex color 4DA3A1.

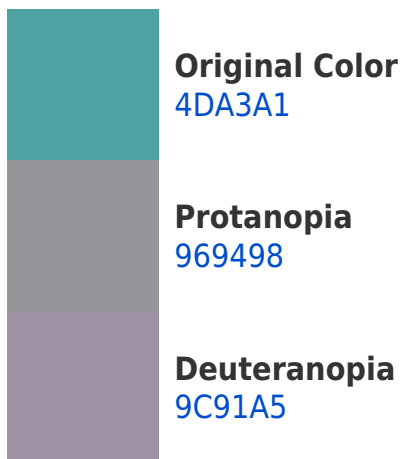


This preview shows how white text looks on a background with the Hex color 4DA3A1.

# 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**  
52A1AE

# Trichromacy



**Original Color**  
4DA3A1



**Protanomaly**  
7B999B



**Deuteranomaly**  
7F98A4



**Tritanomaly**  
50A2A9

# Monochromacy



**Original Color**  
4DA3A1



**Achromatopsia**  
898989



**Achromatomaly**  
739292

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DA3A1 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 #4DA3A1 looks like.

```
.text, #text, p{  
    color:#4DA3A1  
}
```

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 #4DA3A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA3A1
}
```

## Border

The CSS property to change the border of an element to Hex 4DA3A1 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
#4DA3A1 }
```

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

```
.border{ border-color:#4DA3A1 }
```

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

Here you see how a box with a 4 pixel #4DA3A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA3A1; -webkit-box-shadow:4px 4px  
4px 4px #4DA3A1; box-shadow:4px 4px 4px  
4px #4DA3A1 }
```

# Background

The CSS property to change the background color of an element to Hex 4DA3A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA3A1 }
```

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

```
.background{ background-color:#4DA3A1 }
```

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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