

# Converting Colors

Hex(3DA9D1)

Have a look what the booklet for  
Hex(3DA9D1) contains.

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# **Color**

**Hex(3DA9D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DA9D1
RGB	61, 169, 209
RGB Percent	24%, 66%, 82%
CMY	0.7608, 0.3373, 0.1804
CMYK	0.71, 0.19, 0.00, 0.18
HSL	196°, 62%, 53%
HSV	196°, 71%, 82%
XYZ	27.6211, 33.9715, 65.4230
YIQ	141.2680, -77.2080, -10.4560

# Conversions

## Conversions Part 2

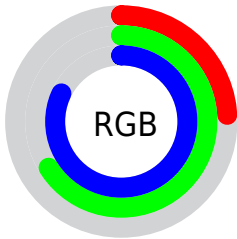
Format	Color
<a href="#">RYB</a>	<a href="#">61, 123, 209</a>
Decimal	<a href="#">4041169</a>
CIELab	<a href="#">64.94, -17.69, -29.22</a>
CIELCh	<a href="#">65, 34.156, 238.799</a>
Yxy	<a href="#">33.9715, 0.2175, 0.2675</a>
Android (android.graphics.Color)	<a href="#">4282231249 (0xFF3DA9D1)</a>
YUV	<a href="#">141.2680, 33.3919, -70.3950</a>
Hunter-Lab	<a href="#">58.2851, -17.4084, -25.7514</a>

# Details

The Hex color **3DA9D1** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **D1653D**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **7EE0FF**, and **00759A** is the 20% darker color. If you saturate the color by 10%, you get **28A3D1**, and if you desaturate by 10%, it is **52AFD1**.

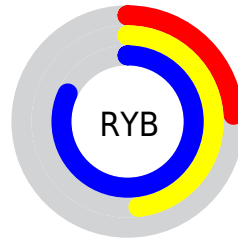
# Distribution



Red (24%)

Green (66%)

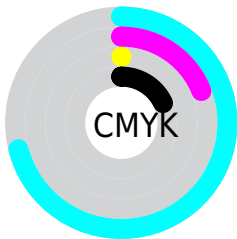
Blue (82%)



Red (24%)

Yellow (48%)

Blue (82%)

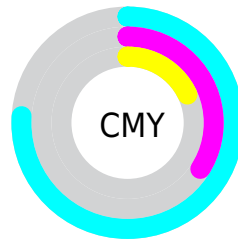


Cyan (71%)

Magenta (19%)

Yellow (0%)

Black (18%)



Cyan (76%)

Magenta (34%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DA9D1 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 3DA9D1 by changing the saturation by 10% instead.



■ 3DA9D1

■ 3DA9D1

FFFFFF

■ 058EB5

■ 7EE0FF

■ 00759A

■ 9CFDFF

■ 005C80

■ BAFFFF

■ 004467

■ D9FFFF

■ 002E4F

■ F7FFFF

■ 001B38

■ 000222

■ 000008

■ 000000

■ 3DA9D1

■ 3DA9D1

■ 28A3D1

■ 52AFD1

■ 139ED1

■ 67B4D1

■ 0099D1

■ 7CBAD1

■ 91C0D1

■ A6C5D1

■ BACBD1

■ CFD1D1

■ E4D6D1

■ F9DCD1

# Harmonies

## Analogous

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



26ADBA



3DA9D1



70A1DA

# Triad

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



3DA9D1



D686A0



93A567

# Complementary

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



3DA9D1



D1653D

# 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.



B39B60



3DA9D1



D98882

# Square

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



3DA9D1



C38CBE



CB916A



6FAB7D

# Rectangle

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



3DA9D1



919AD7



CB916A



9FA263

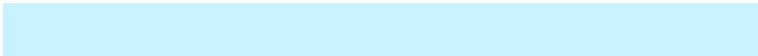


# Sweetspot

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



3DA9D1



C9F1FF



3DD164



607780



000000



808080

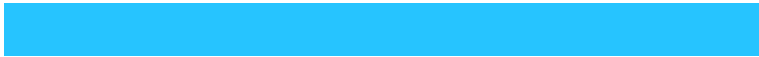


# Same Dimension

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



3DA9D1



26C4FF



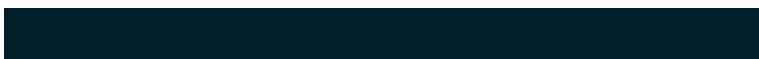
3D60D1



5E6669



007BA8



001E29



# Inverse Universe

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



D13DA9



FF26C4



D1AE3D



695E66



A8007B



29001E



# Previews

## White Background



This preview shows how the Hex color 3DA9D1 looks on a white background.

## Color Contrast Check

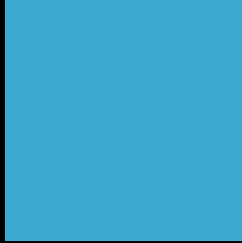
Large Text (above 18pt) WCAG AA × Fail

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 3DA9D1 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 3DA9D1 Background



This preview shows how black text looks on a background with the Hex color 3DA9D1.

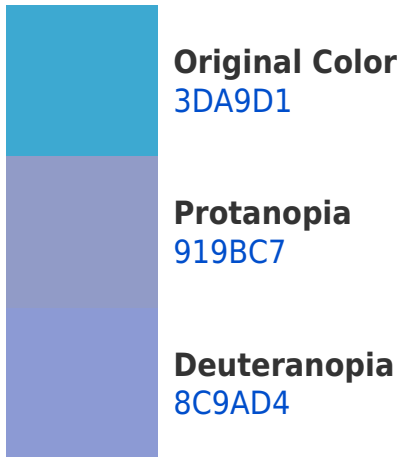


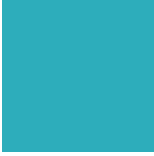
This preview shows how white text looks on a background with the Hex color 3DA9D1.

# Color Blindness Simulation

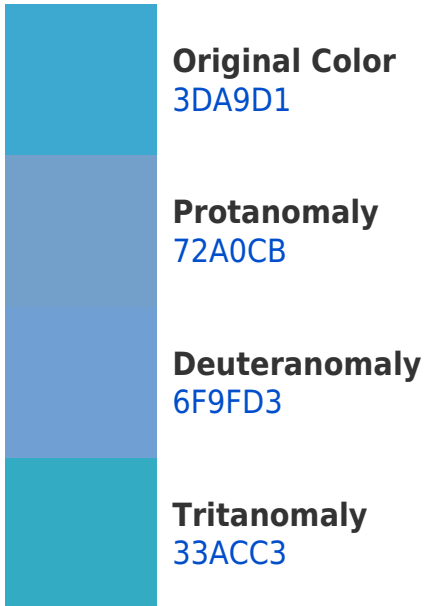
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

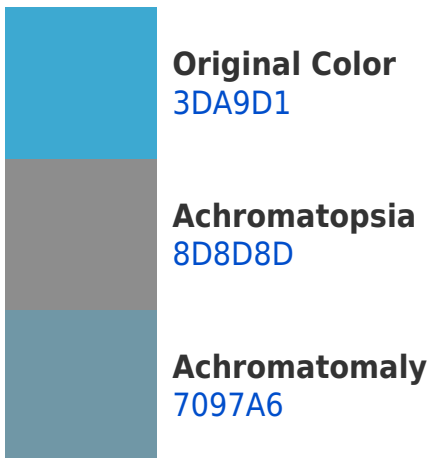




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DA9D1 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 #3DA9D1 looks like.

```
.text, #text, p{  
    color:#3DA9D1  
}
```

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 #3DA9D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA9D1
}
```

## Border

The CSS property to change the border of an element to Hex 3DA9D1 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
#3DA9D1 }
```

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

```
.border{ border-color:#3DA9D1 }
```

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

Here you see how a box with a 4 pixel #3DA9D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA9D1; -webkit-box-shadow:4px 4px  
4px 4px #3DA9D1; box-shadow:4px 4px 4px  
4px #3DA9D1 }
```

# Background

The CSS property to change the background color of an element to Hex 3DA9D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA9D1 }
```

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

```
.background{ background-color:#3DA9D1 }
```

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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