

Converting Colors

Hex(3DA8C9)

Have a look what the booklet for
Hex(3DA8C9) contains.

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Color

Hex(3DA8C9)

Conversions

Conversions Part 1

Format	Color
Hex	3DA8C9
RGB	61, 168, 201
RGB Percent	24%, 66%, 79%
CMY	0.7608, 0.3412, 0.2118
CMYK	0.70, 0.16, 0.00, 0.21
HSL	194°, 56%, 51%
HSV	194°, 70%, 79%
XYZ	26.4697, 33.2144, 60.2743
YIQ	139.7690, -74.3650, -12.4210

Conversions

Conversions Part 2

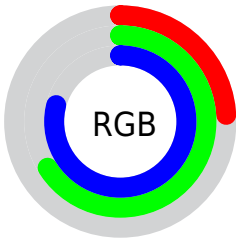
Format	Color
RYB	61, 122, 201
Decimal	4040905
CIELab	64.33, -19.75, -25.71
CIElCh	64, 32.421, 232.470
Yxy	33.2144, 0.2207, 0.2769
Android (android.graphics.Color)	4282230985 (0xFF3DA8C9)
YUV	139.7690, 30.1869, -69.0804
Hunter-Lab	57.6319, -18.8728, -21.6660

Details

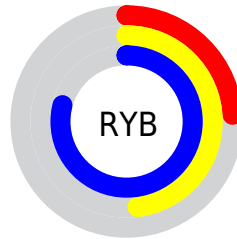
The Hex color **3DA8C9** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C95E3D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7DDFFF**, and **007493** is the 20% darker color. If you saturate the color by 10%, you get **29A3C9**, and if you desaturate by 10%, it is **51ADC9**.

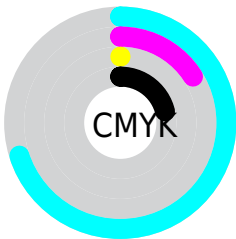
Distribution



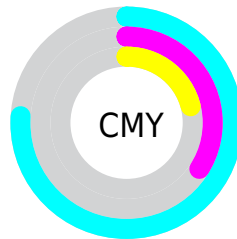
- Red (24%)
- Green (66%)
- Blue (79%)



- Red (24%)
- Yellow (48%)
- Blue (79%)



- Cyan (70%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)



- Cyan (76%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DA8C9 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 3DA8C9 by changing the saturation by 10% instead.

 3DA8C9

 3DA8C9

FFFFFF

 098DAE

 7DDFFF

 007493

 9BFCFF

 005B79

 B9FFFF

 004360

 D7FFFF

 002D48

 F5FFFF

 001A32

 00021C

 000000

 3DA8C9

 3DA8C9

■ 29A3C9

■ 51ADC9

■ 159FC9

■ 65B1C9

■ 019AC9

■ 79B6C9

■ 009AC9

■ 8DBBC9

■ A2C0C9

■ B6C4C9

■ CAC9C9

■ DECEC9

■ F2D3C9

Harmonies

Analogous

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



35ABB1



3DA8C9



68A1D5

Triad

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



3DA8C9



CF86A4



99A166

Complementary

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



3DA8C9



C95E3D

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.



B69863



3DA8C9



D58787

Square

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



3DA8C9



BA8DC0



CB8E6F



78A878

Rectangle

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



3DA8C9



879BD4



CB8E6F



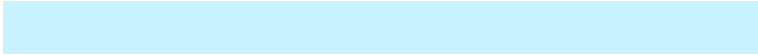
A49E63

Sweetspot

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



3DA8C9



C9F2FF



3DC95E



607880



000000



808080

Same Dimension

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



3DA8C9



29CDDF



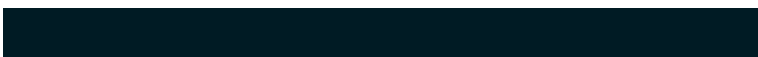
3D62C9



5A6163



007DA3



001B24

Inverse Universe

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



C93DA8



FF29CD



C9A43D



635A61



A3007D



24001B

Previews

White Background



This preview shows how the Hex color 3DA8C9 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 3DA8C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

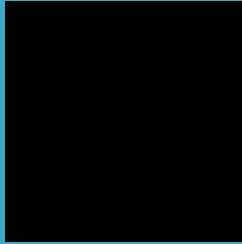
Any Text WCAG AA ✓ Pass

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 3DA8C9 Background



This preview shows how black text looks on a background with the Hex color 3DA8C9.

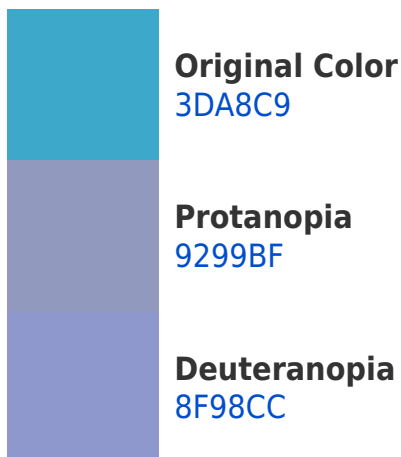


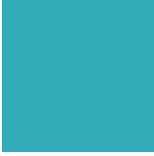
This preview shows how white text looks on a background with the Hex color 3DA8C9.

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](#).

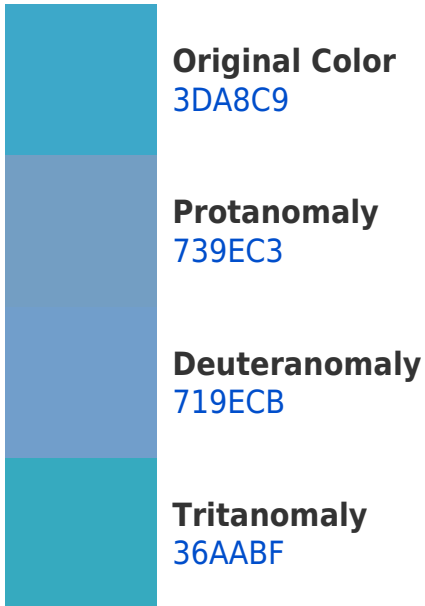
Dichromacy



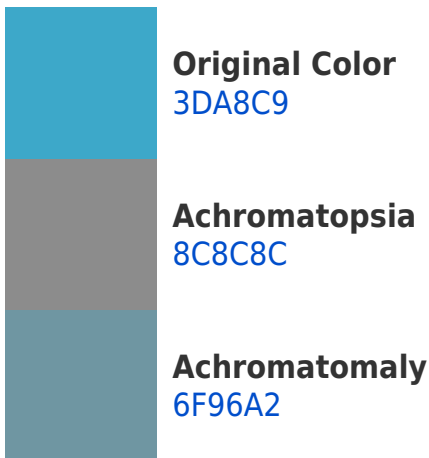


Tritanopia
32ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DA8C9 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 #3DA8C9 looks like.

```
.text, #text, p{  
    color:#3DA8C9  
}
```

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 #3DA8C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA8C9
}
```

Border

The CSS property to change the border of an element to Hex 3DA8C9 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
#3DA8C9 }
```

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

```
.border{ border-color:#3DA8C9 }
```

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

Here you see how a box with a 4 pixel #3DA8C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA8C9; -webkit-box-shadow:4px 4px  
4px 4px #3DA8C9; box-shadow:4px 4px 4px  
4px #3DA8C9 }
```

Background

The CSS property to change the background color of an element to Hex 3DA8C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA8C9 }
```

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

```
.background{ background-color:#3DA8C9 }
```

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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