

Converting Colors

Hex(3A9AD9)

Have a look what the booklet for
Hex(3A9AD9) contains.

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Color

Hex(3A9AD9)

Conversions

Conversions Part 1

Format	Color
Hex	3A9AD9
RGB	58, 154, 217
RGB Percent	23%, 60%, 85%
CMY	0.7725, 0.3961, 0.1490
CMYK	0.73, 0.29, 0.00, 0.15
HSL	204°, 68%, 54%
HSV	204°, 73%, 85%
XYZ	25.8249, 29.0205, 69.8860
YIQ	132.4780, -77.4390, -0.7590

Conversions

Conversions Part 2

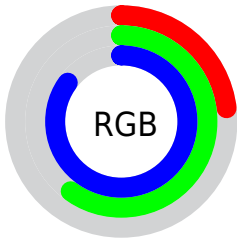
Format	Color
RYB	58, 118, 217
Decimal	3840729
CIELab	60.80, -7.19, -40.11
CIELCh	61, 40.746, 259.839
Yxy	29.0205, 0.2070, 0.2327
Android (android.graphics.Color)	4282030809 (0xFF3A9AD9)
YUV	132.4780, 41.6693, -65.3172
Hunter-Lab	53.8707, -8.7031, -39.2070

Details

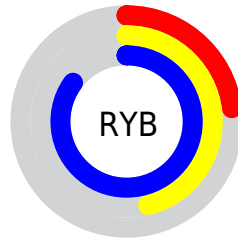
The Hex color **3A9AD9** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **D9793A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7DD0FF**, and **0067A2** is the 20% darker color. If you saturate the color by 10%, you get **2491D9**, and if you desaturate by 10%, it is **50A3D9**.

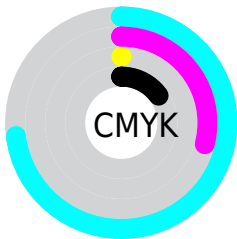
Distribution



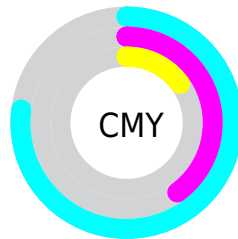
- Red (23%)
- Green (60%)
- Blue (85%)



- Red (23%)
- Yellow (46%)
- Blue (85%)



- Cyan (73%)
- Magenta (29%)
- Yellow (0%)
- Black (15%)



- Cyan (77%)
- Magenta (40%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A9AD9 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 3A9AD9 by changing the saturation by 10% instead.

■ 3A9AD9

■ 3A9AD9

FFFFFF

■ 0080BD

■ 7DD0FF

■ 0067A2

■ 9BECFF

■ 004F87

■ B9FFFF

■ 00396E

■ D8FFFF

■ 002455

■ F6FFFF

■ 000C3D

■ 000327

■ 000110

■ 000000

■ 3A9AD9

■ 3A9AD9

■ 2491D9

■ 50A3D9

■ 0F89D9

■ 65ABD9

■ 0083D9

■ 7BB4D9

■ 91BCD9

■ A6C5D9

■ BCCED9

■ D2D6D9

■ E8DFD9

■ FDE7D9

Harmonies

Analogous

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



00A2C9



3A9AD9



838ED6

Triad

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



3A9AD9



D7767C



68A063

Complementary

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



3A9AD9



D9793A

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.



91984D



3A9AD9



CD805D

Square

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



3A9AD9



D077A0



B48C4B



2EA585

Rectangle

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



3A9AD9



A585CA



B48C4B



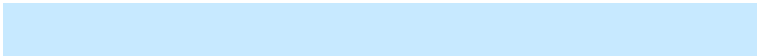
769E5A

Sweetspot

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



3A9AD9



C7E9FF



3AD977



5E7280



000000



808080

Same Dimension

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



3A9AD9



1FA6FF



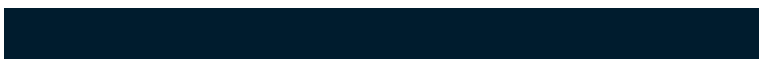
3A4DD9



63696E



0069AD



001C2E

Inverse Universe

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



D93A9A



FF1FA6



D9C63A



6E6369



AD0069



2E001C

Previews

White Background



This preview shows how the Hex color 3A9AD9 looks on a white background.

Color Contrast Check

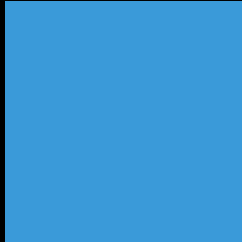
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A9AD9 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

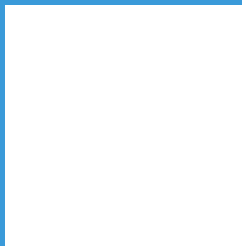
Any Text WCAG AAA × Fail

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

Hex 3A9AD9 Background



This preview shows how black text looks on a background with the Hex color 3A9AD9.

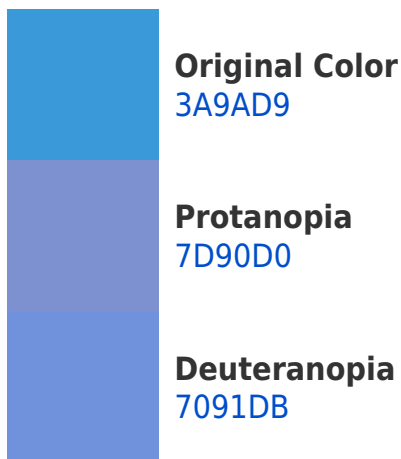


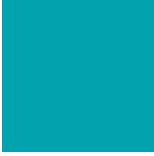
This preview shows how white text looks on a background with the Hex color 3A9AD9.

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](#).

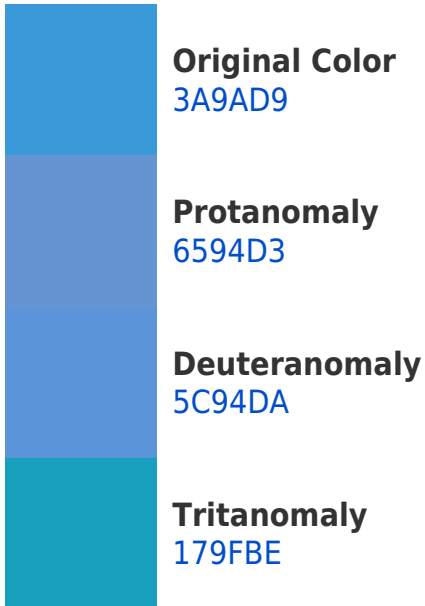
Dichromacy



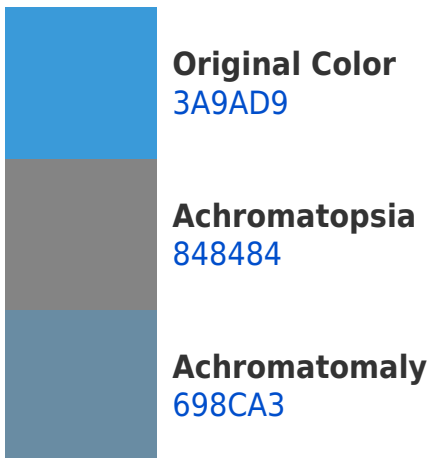


Tritanopia
03A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A9AD9 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 #3A9AD9 looks like.

```
.text, #text, p{  
    color:#3A9AD9  
}
```

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 #3A9AD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A9AD9
}
```

Border

The CSS property to change the border of an element to Hex 3A9AD9 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
#3A9AD9 }
```

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

```
.border{ border-color:#3A9AD9 }
```

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

Here you see how a box with a 4 pixel #3A9AD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A9AD9; -webkit-box-shadow:4px 4px  
4px 4px #3A9AD9; box-shadow:4px 4px 4px  
4px #3A9AD9 }
```

Background

The CSS property to change the background color of an element to Hex 3A9AD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A9AD9 }
```

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

```
.background{ background-color:#3A9AD9 }
```

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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