

Converting Colors

Hex(009AE1)

Have a look what the booklet for
Hex(009AE1) contains.

Hex(009AE1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(009AE1)

Conversions

Conversions Part 1

Format	Color
Hex	009AE1
RGB	0, 154, 225
RGB Percent	0%, 60%, 88%
CMY	1.0000, 0.3961, 0.1176
CMYK	1.00, 0.32, 0.00, 0.12
HSL	199°, 100%, 44%
HSV	199°, 100%, 88%
XYZ	25.1462, 28.5474, 75.4190
YIQ	116.0480, -114.5750, -10.5670

Conversions

Conversions Part 2

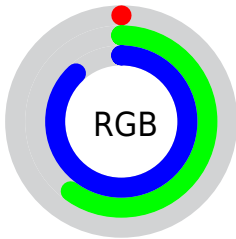
Format	Color
RYB	0, 91, 225
Decimal	39649
CIELab	60.38, -8.24, -45.27
CIELCh	60, 46.012, 259.681
Yxy	28.5474, 0.1948, 0.2211
Android (android.graphics.Color)	4278229729 (0xFF009AE1)
YUV	116.0480, 53.7133, -101.7741
Hunter-Lab	53.4298, -9.4929, -46.2901

Details

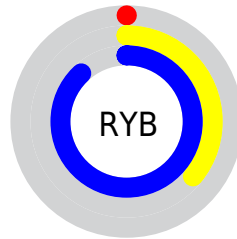
The Hex color **009AE1** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **E14700**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **69D0FF**, and **0067A9** is the 20% darker color. If you saturate the color by 10%, you get **009AE1**, and if you desaturate by 10%, it is **16A1E1**.

Distribution



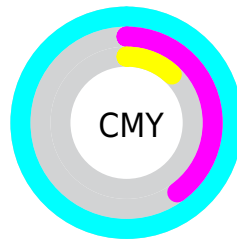
- Red (0%)
- Green (60%)
- Blue (88%)



- Red (0%)
- Yellow (36%)
- Blue (88%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (40%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009AE1 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 009AE1 by changing the saturation by 10% instead.

009AE1

009AE1

FFFFFF

0080C5

69D0FF

0067A9

8AECFF

004F8E

A9FFFF

003975

C8FFFF

00245B

E8FFFF

000A44

00032C

000117

000000

■ 009AE1

■ 16A1E1

■ 2DA8E1

■ 44AFE1

■ 5AB6E1

■ 71BDE1

■ 87C5E1

■ 9DCCE1

■ B4D3E1

■ CBDAE1

Harmonies

Analogous

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



00A3CE



009AE1



7D8CDE

Triad

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



009AE1



DE7078



60A15B

Complementary

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



009AE1



E14700

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.



8F9842



009AE1



D17B55

Square

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



009AE1



D671A1



B58A40



00A582

Rectangle

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



009AE1



A682D0



B58A40



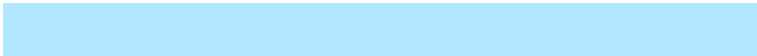
719E51

Sweetspot

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



009AE1



B3E7FF



00E144



527180



000000



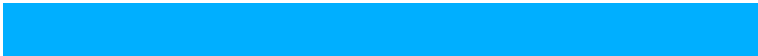
808080

Same Dimension

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



009AE1



00AFFF



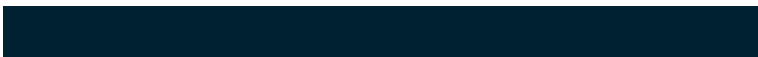
002DE1



656D70



0078B0



002130

Inverse Universe

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



E1009A



FF00AF



E1B400



70656D



B00078



300021

Previews

White Background



This preview shows how the Hex color 009AE1 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 009AE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

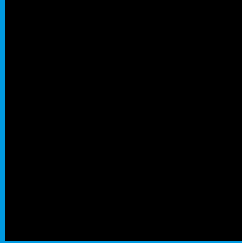
Any Text WCAG AA ✓ Pass

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 009AE1 Background



This preview shows how black text looks on a background with the Hex color 009AE1.

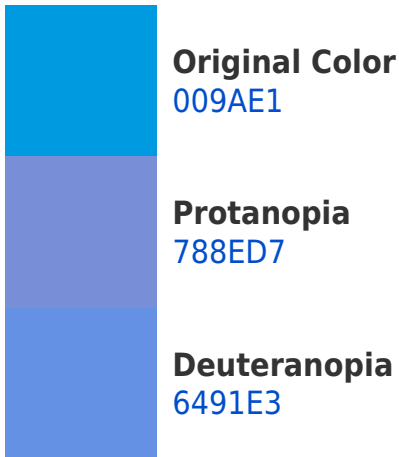


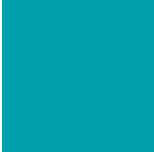
This preview shows how white text looks on a background with the Hex color 009AE1.

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
00A1AD

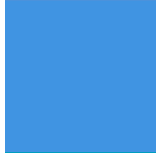
Trichromacy



Original Color
009AE1



Protanomaly
4C92DB



Deuteranomaly
4094E2



Tritanomaly
009EC0

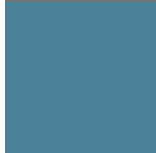
Monochromacy



Original Color
009AE1



Achromatopsia
747474



Achromatomaly
4A829C

CSS Examples

Text

The CSS property to change the color of the text to Hex 009AE1 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 #009AE1 looks like.

```
.text, #text, p{  
    color:#009AE1  
}
```

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 #009AE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009AE1
}
```

Border

The CSS property to change the border of an element to Hex 009AE1 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
#009AE1 }
```

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

```
.border{ border-color:#009AE1 }
```

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

Here you see how a box with a 4 pixel #009AE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009AE1; -webkit-box-shadow:4px 4px  
4px 4px #009AE1; box-shadow:4px 4px 4px  
4px #009AE1 }
```

Background

The CSS property to change the background color of an element to Hex 009AE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009AE1 }
```

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

```
.background{ background-color:#009AE1 }
```

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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