

Converting Colors

Hex(009EAC)

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

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Color

Hex(009EAC)

Conversions

Conversions Part 1

Format	Color
Hex	009EAC
RGB	0, 158, 172
RGB Percent	0%, 62%, 67%
CMY	1.0000, 0.3804, 0.3255
CMYK	1.00, 0.08, 0.00, 0.33
HSL	185°, 100%, 34%
HSV	185°, 100%, 67%
XYZ	19.6733, 27.4323, 43.2878
YIQ	112.3540, -98.6620, -29.1420

Conversions

Conversions Part 2

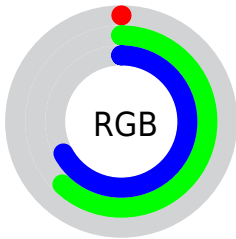
Format	Color
RYB	0, 82, 172
Decimal	40620
CIELab	59.37, -29.11, -17.11
CIELCh	59, 33.769, 210.441
Yxy	27.4323, 0.2176, 0.3035
Android (android.graphics.Color)	4278230700 (0xFF009EAC)
YUV	112.3540, 29.4055, -98.5345
Hunter-Lab	52.3758, -24.6101, -12.3392

Details

The Hex color **009EAC** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC0E00**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5ED5E3**, and **006A78** is the 20% darker color. If you saturate the color by 10%, you get **009EAC**, and if you desaturate by 10%, it is **119FAC**.

Distribution



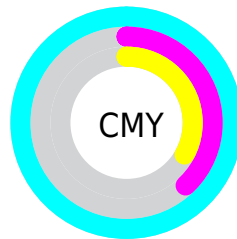
- Red (0%)
- Green (62%)
- Blue (67%)



- Red (0%)
- Yellow (32%)
- Blue (67%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 009EAC

 009EAC

FFFFFF

 008491

 5ED5E3

 006A78

 7EF2FF

 00515F

 9CFFFF

 003A47

 BAFFFF

 002531


 D8FFFF

 00021C

 F7FFFF

 000000

 009EAC

 119FAC

 22A1AC

 34A2AC

 45A4AC

 56A5AC

 67A6AC

 78A8AC

 8AA9AC

 9BABAC

Harmonies

Analogous

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



369F8E



009EAC



2C9AC2

Triad

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



009EAC



B57DAD



A28D53

Complementary

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



009EAC



AC0E00

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.



BA835C



009EAC



C67890

Square

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



009EAC



9387C2



C77A72



83965B

Rectangle

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



009EAC



5295C9



C77A72



AB8A54

Sweetspot

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



009EAC



9DDBE0



00AC0B



486D70



F0F0F0



707070

Same Dimension

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



009EAC



00CEEO



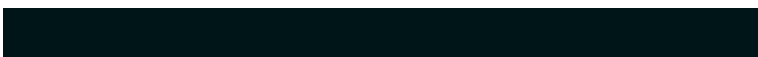
004BAC



4E5657



008A96



001517

Inverse Universe

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



AC009E



E000CE



AC6100



574E56



96008A



170015

Previews

White Background



This preview shows how the Hex color 009EAC looks on a white background.

Color Contrast Check

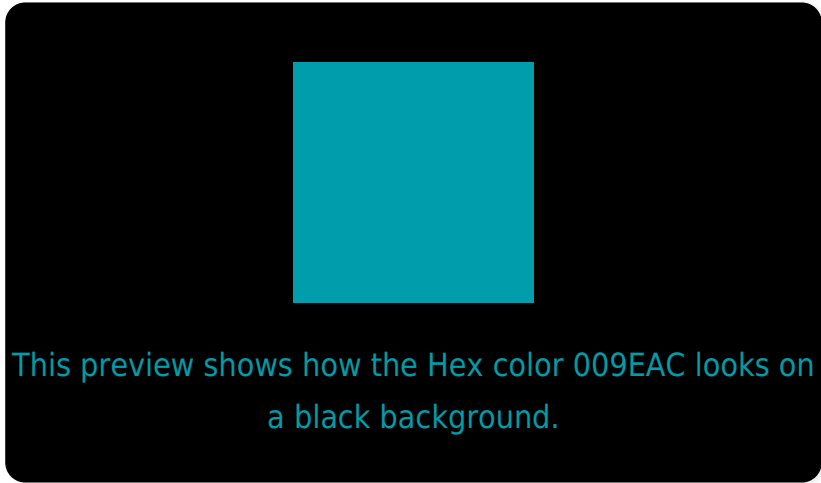
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

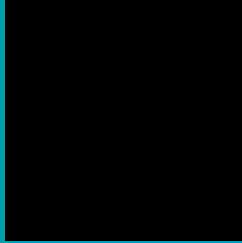
Any Text WCAG AA ✓ Pass

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 009EAC Background



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

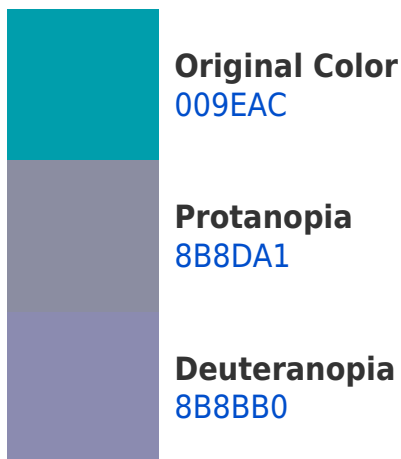


This preview shows how white text looks on a background with the Hex color 009EAC.

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](#).

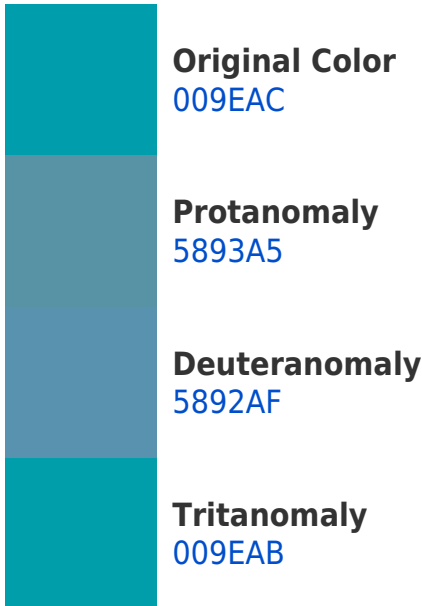
Dichromacy



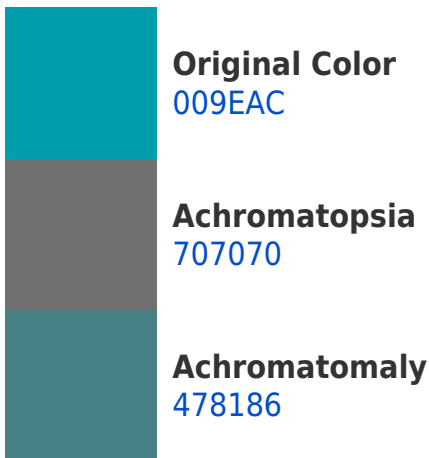


Tritanopia
009EAB

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #009EAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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