

Converting Colors

Hex(008CAE)

Have a look what the booklet for
Hex(008CAE) contains.

Hex(008CAE)	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(008CAE)

Conversions

Conversions Part 1

Format	Color
Hex	008CAE
RGB	0, 140, 174
RGB Percent	0%, 55%, 68%
CMY	1.0000, 0.4510, 0.3176
CMYK	1.00, 0.20, 0.00, 0.32
HSL	192°, 100%, 34%
HSV	192°, 100%, 68%
XYZ	17.0181, 21.8122, 43.3576
YIQ	102.0160, -94.3540, -19.1060

Conversions

Conversions Part 2

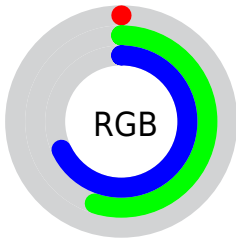
Format	Color
RYB	0, 78, 174
Decimal	36014
CIELab	53.83, -19.17, -26.75
CIELCh	54, 32.907, 234.377
Yxy	21.8122, 0.2071, 0.2654
Android (android.graphics.Color)	4278226094 (0xFF008CAE)
YUV	102.0160, 35.4881, -89.4680
Hunter-Lab	46.7035, -16.6883, -22.3500

Details

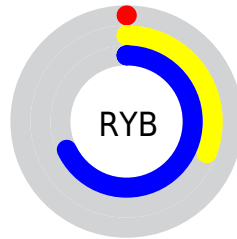
The Hex color **008CAE** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AE2200**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5CC2E6**, and **005A79** is the 20% darker color. If you saturate the color by 10%, you get **008CAE**, and if you desaturate by 10%, it is **118FAE**.

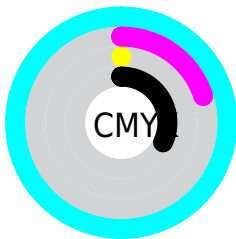
Distribution



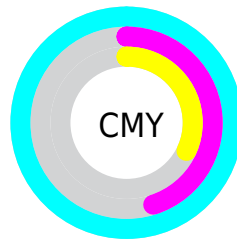
- Red (0%)
- Green (55%)
- Blue (68%)



- Red (0%)
- Yellow (31%)
- Blue (68%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (45%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008CAE 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 008CAE by changing the saturation by 10% instead.

008CAE

008CAE

FFFFFF

007293

5CC2E6

005A79

7BDEFF

004260

99FAFF

002C49

B7FFFF

001832

D5FFFF

00021D

F3FFFF

000000

008CAE

118FAE

■ 2393AE

■ 3496AE

■ 469AAE

■ 579DAE

■ 68A0AE

■ 7AA4AE

■ 8BA7AE

■ 9DABAE

Harmonies

Analogous

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



008F97



008CAE



4C85B9

Triad

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



008CAE



B36B87



7B864C

Complementary

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



008CAE



AE2200

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.



987D48



008CAE



B76C6B

Square

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



008CAE



9F71A2



AD7353



5A8C5F

Rectangle

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



008CAE



6D7FB7



AD7353



858349

Sweetspot

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



008CAE



9FD6E3



00AE20



496B73



F2F2F2



737373

Same Dimension

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



008CAE



00B7E3



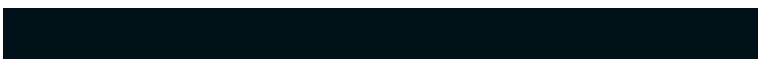
0037AE



4E5557



007996



001217

Inverse Universe

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



AE008C



E300B7



AE7700



574E55



960079



170012

Previews

White Background



This preview shows how the Hex color 008CAE looks on a white background.

Color Contrast Check

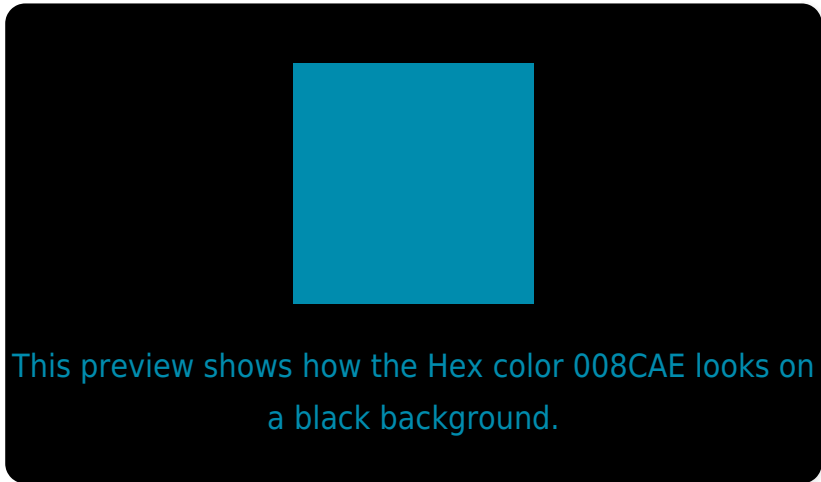
Large Text (above 18pt) WCAG AA ✓ Pass

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

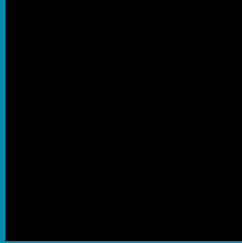
Any Text WCAG AA ✓ Pass

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 008CAE Background



This preview shows how black text looks on a background with the Hex color 008CAE.

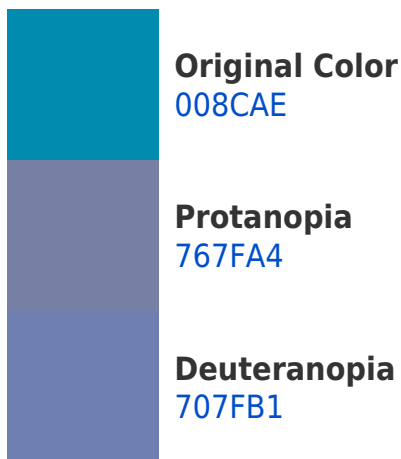


This preview shows how white text looks on a background with the Hex color 008CAE.

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](#).

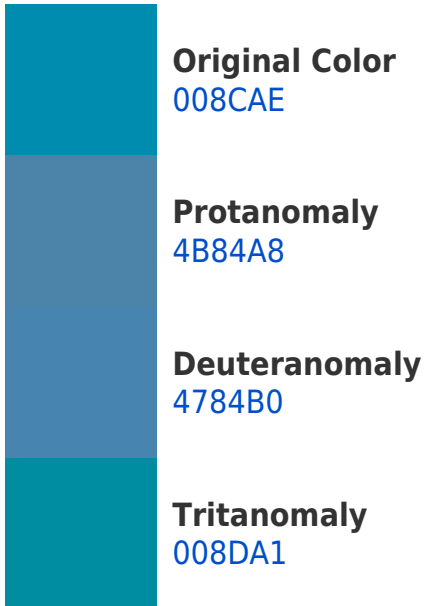
Dichromacy





Tritanopia
008E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 008CAE 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 #008CAE looks like.

```
.text, #text, p{  
    color:#008CAE  
}
```

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 #008CAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008CAE
}
```

Border

The CSS property to change the border of an element to Hex 008CAE 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
#008CAE }
```

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

```
.border{ border-color:#008CAE }
```

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

Here you see how a box with a 4 pixel #008CAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008CAE; -webkit-box-shadow:4px 4px  
4px 4px #008CAE; box-shadow:4px 4px 4px  
4px #008CAE }
```

Background

The CSS property to change the background color of an element to Hex 008CAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008CAE }
```

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

```
.background{ background-color:#008CAE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor