

Converting Colors

Hex(008CAF)

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

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Color

Hex(008CAF)

Conversions

Conversions Part 1

Format	Color
Hex	008CAF
RGB	0, 140, 175
RGB Percent	0%, 55%, 69%
CMY	1.0000, 0.4510, 0.3137
CMYK	1.00, 0.20, 0.00, 0.31
HSL	192°, 100%, 34%
HSV	192°, 100%, 69%
XYZ	17.1159, 21.8513, 43.8731
YIQ	102.1300, -94.6750, -18.7950

Conversions

Conversions Part 2

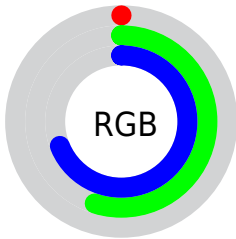
Format	Color
RYB	0, 78, 175
Decimal	36015
CIELab	53.87, -18.81, -27.26
CIELCh	54, 33.116, 235.395
Yxy	21.8513, 0.2066, 0.2638
Android (android.graphics.Color)	4278226095 (0xFF008CAF)
YUV	102.1300, 35.9249, -89.5680
Hunter-Lab	46.7454, -16.4462, -22.9251

Details

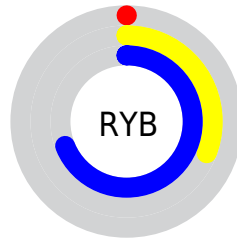
The Hex color **008CAF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AF2300**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5DC2E7**, and **005A7A** is the 20% darker color. If you saturate the color by 10%, you get **008CAF**, and if you desaturate by 10%, it is **118FAF**.

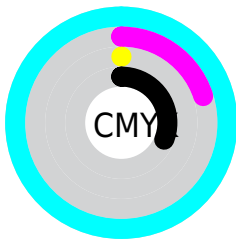
Distribution



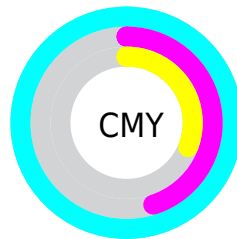
- Red (0%)
- Green (55%)
- Blue (69%)



- Red (0%)
- Yellow (31%)
- Blue (69%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 008CAF

 008CAF

FFFFFF

 007294

 5DC2E7

 005A7A

 7BDEFF

 004261

 9AFAFF

 002C49

 B7FFFF

 001833

 D5FFFF

 00021D

 F4FFFF

 000000

 008CAF

 118FAF

 2393AF

 3596AF

 469AAF

 589DAF

 69A1AF

 7AA4AF

 8CA8AF

 9EABAF

Harmonies

Analogous

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



008F98



008CAF



4D85B9

Triad

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



008CAF



B46A86



7A864C

Complementary

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



008CAF



AF2300

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.



977E47



008CAF



B86C6A

Square

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



008CAF



A071A2



AD7453



598D5F

Rectangle

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



008CAF



6F7FB8



AD7453



858449

Sweetspot

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



008CAF



9FD5E3



00AF23



496A73



F2F2F2



737373

Same Dimension

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



008CAF



00B6E3



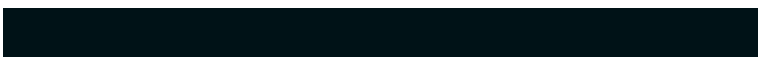
0034AF



4E5557



007896



001217

Inverse Universe

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



AF008C



E300B6



AF7A00



574E55



960078



170012

Previews

White Background



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

Color Contrast Check

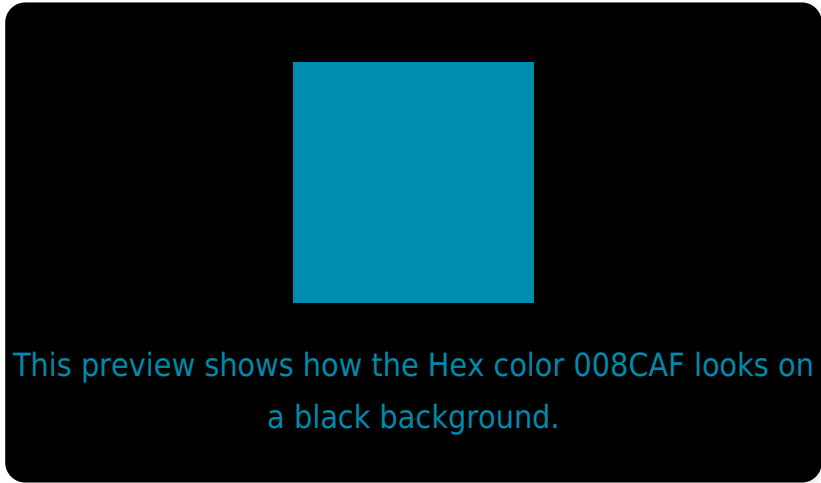
Large Text (above 18pt) WCAG AA ✓ Pass

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

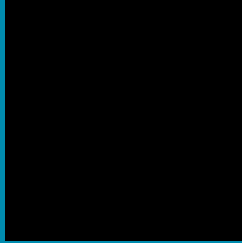
Any Text WCAG AA ✓ Pass

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 008CAF Background



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

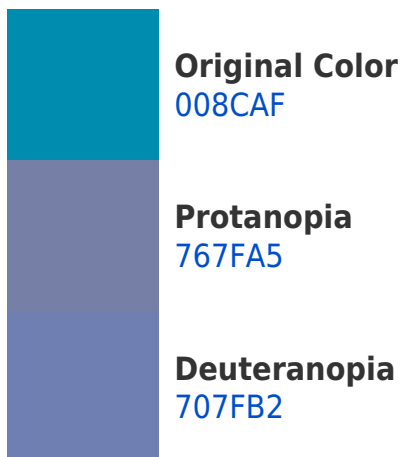


This preview shows how white text looks on a background with the Hex color 008CAF.

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



Trichromacy



Original Color
008CAF

Protanomaly
4B84A9

Deuteranomaly
4784B1

Monochromacy



Original Color
008CAF

Achromatopsia
666666

Achromatomaly
417481

CSS Examples

Text

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

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

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 #008CAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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