

Converting Colors

Hex(008ABB)

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

Hex(008ABB)	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(008ABB)

Conversions

Conversions Part 1

Format	Color
Hex	008ABB
RGB	0, 138, 187
RGB Percent	0%, 54%, 73%
CMY	1.0000, 0.4588, 0.2667
CMYK	1.00, 0.26, 0.00, 0.27
HSL	196°, 100%, 37%
HSV	196°, 100%, 73%
XYZ	18.0581, 21.7648, 50.2630
YIQ	102.3240, -97.9770, -14.0170

Conversions

Conversions Part 2

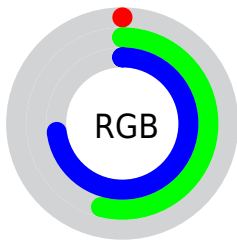
Format	Color
RYB	0, 79, 187
Decimal	35515
CIELab	53.78, -13.32, -34.27
CIELCh	54, 36.764, 248.757
Yxy	21.7648, 0.2005, 0.2416
Android (android.graphics.Color)	4278225595 (0xFF008ABB)
YUV	102.3240, 41.7453, -89.7381
Hunter-Lab	46.6528, -12.5495, -31.2212

Details

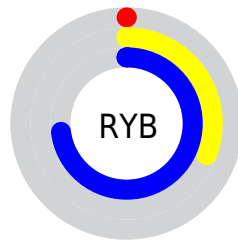
The Hex color **008ABB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BB3100**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5FBFF3**, and **005886** is the 20% darker color. If you saturate the color by 10%, you get **008ABB**, and if you desaturate by 10%, it is **138FBB**.

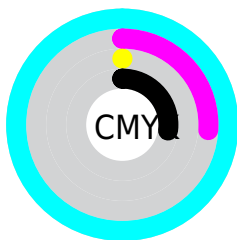
Distribution



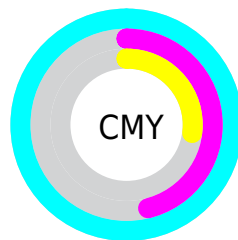
- Red (0%)
- Green (54%)
- Blue (73%)



- Red (0%)
- Yellow (31%)
- Blue (73%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (46%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 008ABB

 008ABB

FFFFFF

 0071A0

 5FBFF3

 005886

 7EDBFF

 00416C

 9DF8FF

 002B53

 BBFFFF

 00183C

 D9FFFF

 000226

 F8FFFF

 00010F

 000000

 008ABB

 138FBB

 2594BB

 3899BB

 4B9EBB

 5EA2BB

 70A7BB

 83ACBB

 96B1BB

 A8B6BB

Harmonies

Analogous

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



008FA7



008ABB



5E81BF

Triad

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



008ABB



BD6778



698A4E

Complementary

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



008ABB



BB3100

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.



8B8240



008ABB



B96C5A

Square

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



008ABB



AF6A98



A77745



3E8F68

Rectangle

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



008ABB



8179B8



A77745



758847

Sweetspot

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



008ABB



AADFF2



00BB2F



4E6F7A



FAFAFA



7A7A7A

Same Dimension

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



008ABB



00B3F2



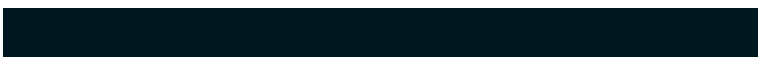
002FBB



555C5E



00759E



00171F

Inverse Universe

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



BB008A



F200B3



BB8C00



5E555C



9E0075



1F0017

Previews

White Background



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

Color Contrast Check

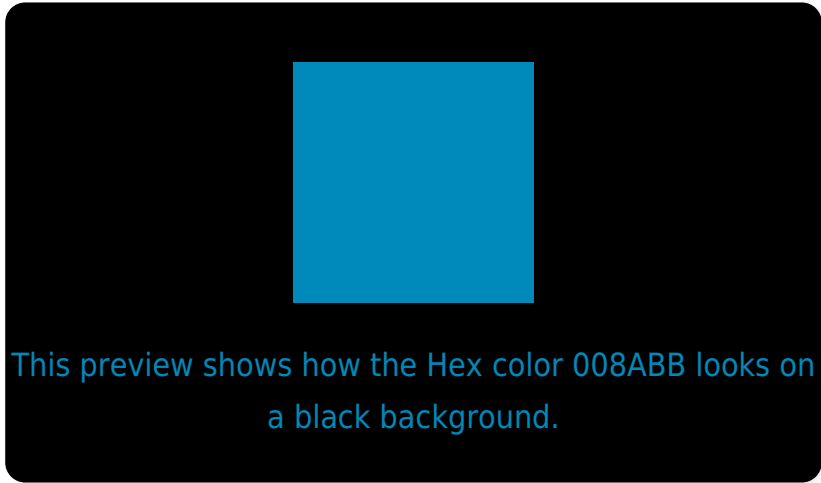
Large Text (above 18pt) WCAG AA ✓ Pass

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 008ABB Background



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

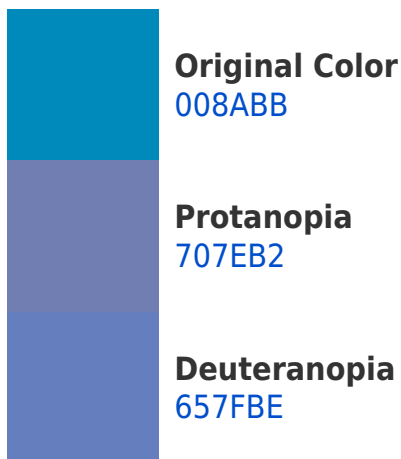


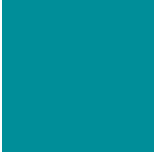
This preview shows how white text looks on a background with the Hex color 008ABB.

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](#).

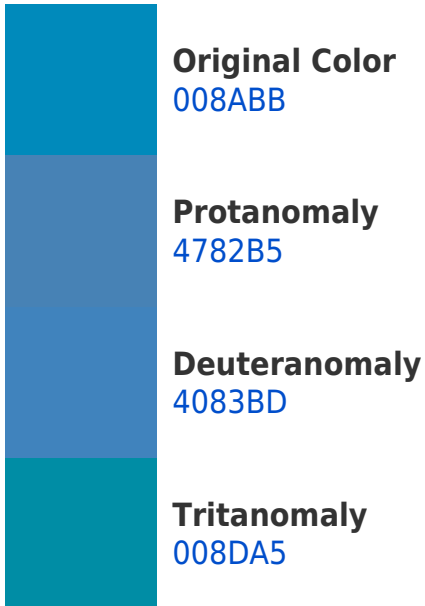
Dichromacy



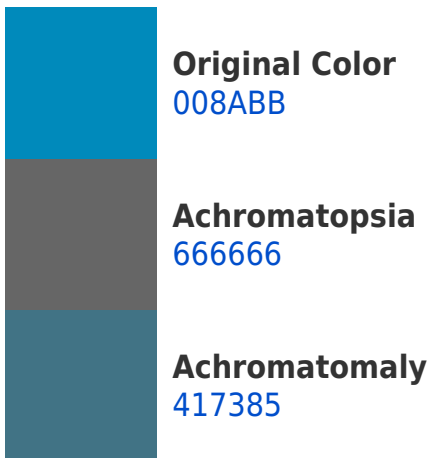


Tritanopia
008E99

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #008ABB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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