

Converting Colors

Hex(008AEB)

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

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Color

Hex(008AEB)

Conversions

Conversions Part 1

Format	Color
Hex	008AEB
RGB	0, 138, 235
RGB Percent	0%, 54%, 92%
CMY	1.0000, 0.4588, 0.0784
CMYK	1.00, 0.41, 0.00, 0.08
HSL	205°, 100%, 46%
HSV	205°, 100%, 92%
XYZ	24.0839, 24.1751, 81.9942
YIQ	107.7960, -113.3850, 0.9110

Conversions

Conversions Part 2

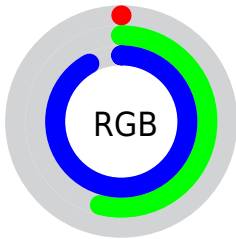
Format	Color
RYB	0, 87, 235
Decimal	35563
CIELab	56.26, 4.92, -57.37
CIELCh	56, 57.578, 274.902
Yxy	24.1751, 0.1849, 0.1856
Android (android.graphics.Color)	4278225643 (0xFF008AEB)
YUV	107.7960, 62.7116, -94.5371
Hunter-Lab	49.1682, 1.3896, -64.4558

Details

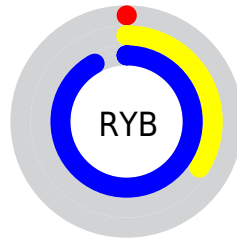
The Hex color **008AEB** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **EB6100**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **6BBFFF**, and **0059B2** is the 20% darker color. If you saturate the color by 10%, you get **008AEB**, and if you desaturate by 10%, it is **1794EB**.

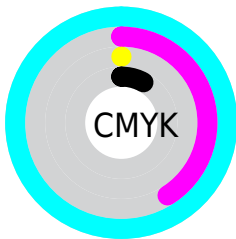
Distribution



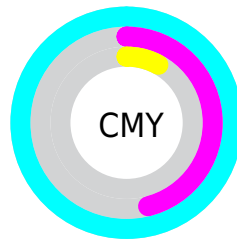
- Red (0%)
- Green (54%)
- Blue (92%)



- Red (0%)
- Yellow (34%)
- Blue (92%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (46%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 008AEB

 008AEB

FFFFFF

 0071CE

 6BBFFF

 0059B2

 8CDBFF

 004297

 ACF7FF

 002D7D

 CBFFFF

 001A63

 EBFFFF

 00094B

 000433

 00021D

 000000

 008AEB

 1794EB

 2F9DEB

 47A7EB

 5EB1EB

 76BBEB

 8DC4EB

 A4CEEB

 BCD8EB

 D3E1EB

Harmonies

Analogous

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



0097E1



008AEB



9376DA

Triad

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



008AEB



DC6050



009C5A

Complementary

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



008AEB



EB6100

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.



65942D



008AEB



C27528

Square

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



008AEB



E05681



998713



009F8E

Rectangle

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



008AEB



BB67C1



998713



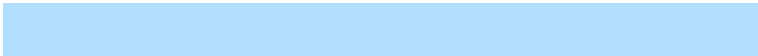
329A4A

Sweetspot

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



008AEB



B3DFFF



00EB5E



526D80



000000



808080

Same Dimension

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



008AEB



0096FF



0017EB



6A7075



006AB5



001F36

Inverse Universe

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



EB008A



FF0096



EBD300



756A70



B5006A



36001F

Previews

White Background



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

Color Contrast Check

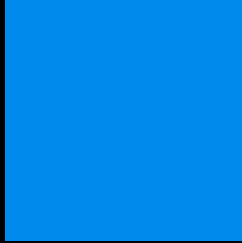
Large Text (above 18pt) WCAG AA ✓ Pass

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 008AEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

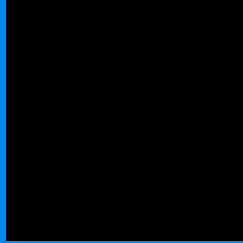
Any Text WCAG AA ✓ Pass

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 008AEB Background



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



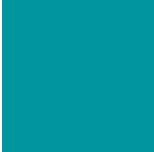
This preview shows how white text looks on a background with the Hex color 008AEB.

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
00959F

Trichromacy



Original Color
008AEB

Protanomaly
3B86E7

Deuteranomaly
1E89EC

Tritanomaly
0091BB

Monochromacy



Original Color
008AEB

Achromatopsia
6C6C6C

Achromatomaly
45779A

CSS Examples

Text

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

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

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 #008AEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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