

Converting Colors

Hex(008AEA)

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

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Color

Hex(008AEA)

Conversions

Conversions Part 1

Format	Color
Hex	008AEA
RGB	0, 138, 234
RGB Percent	0%, 54%, 92%
CMY	1.0000, 0.4588, 0.0824
CMYK	1.00, 0.41, 0.00, 0.08
HSL	205°, 100%, 46%
HSV	205°, 100%, 92%
XYZ	23.9398, 24.1175, 81.2353
YIQ	107.6820, -113.0640, 0.6000

Conversions

Conversions Part 2

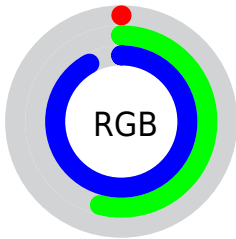
Format	Color
RYB	0, 87, 234
Decimal	35562
CIELab	56.21, 4.54, -56.90
CIELCh	56, 57.084, 274.557
Yxy	24.1175, 0.1852, 0.1865
Android (android.graphics.Color)	4278225642 (0xFF008AEA)
YUV	107.6820, 62.2748, -94.4371
Hunter-Lab	49.1095, 1.0729, -63.6988

Details

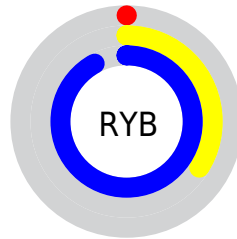
The Hex color **008AEA** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **EA6000**, and the grayscale version is **6B6B6B**.

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 **008AEA**, and if you desaturate by 10%, it is **1794EA**.

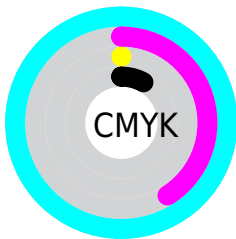
Distribution



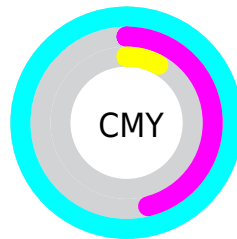
- Red (0%)
- Green (54%)
- Blue (92%)



- 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 008AEA 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 008AEA by changing the saturation by 10% instead.

008AEA

008AEA

FFFFFF

0071CD

6BBFFF

0059B2

8CDBFF

004296

ACF7FF

002D7C

CBFFFF

001A62

EAFFFF

00094A

000432

00021C

000000

■ 008AEA

■ 1794EA

■ 2F9DEA

■ 46A7EA

■ 5EB0EA

■ 75BAEA

■ 8CC4EA

■ A4CDEA

■ BBD7EA

■ D3E0EA

Harmonies

Analogous

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



0097E0



008AEA



9276D9

Triad

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



008AEA



DB6051



009B5A

Complementary

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



008AEA



EA6000

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.



66942E



008AEA



C1742A

Square

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



008AEA



DF5781



998715



009E8D

Rectangle

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



008AEA



BA68C1



998715



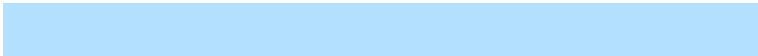
34994A

Sweetspot

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



008AEA



B3E0FF



00EA5E



526D80



000000



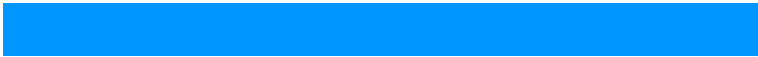
808080

Same Dimension

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



008AEA



0096FF



0017EA



6A7075



006BB5



002036

Inverse Universe

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



EA008A



FF0096



EAD300



756A70



B5006B



360020

Previews

White Background



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

Color Contrast Check

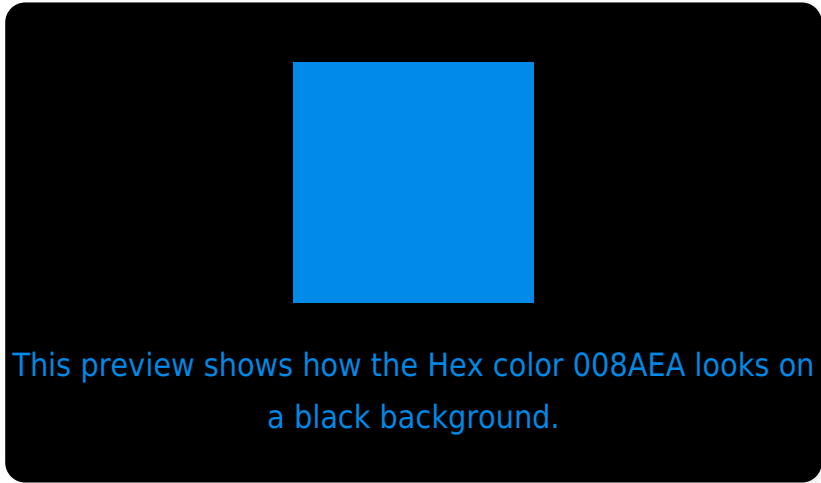
Large Text (above 18pt) WCAG AA ✓ Pass

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

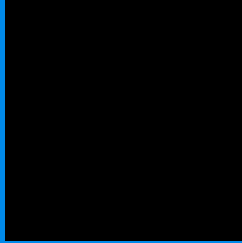
Any Text WCAG AA ✓ Pass

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 008AEA Background



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

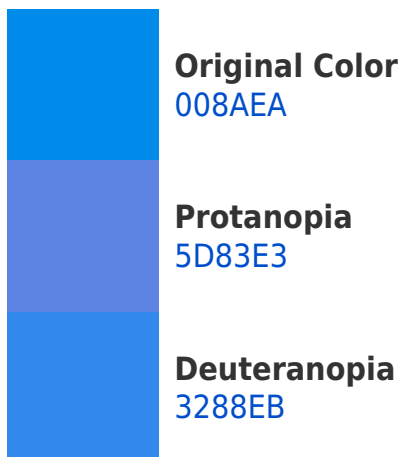


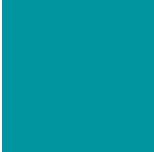
This preview shows how white text looks on a background with the Hex color 008AEA.

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](#).

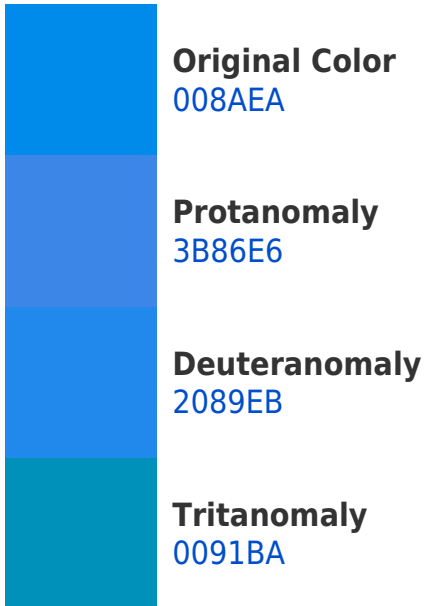
Dichromacy



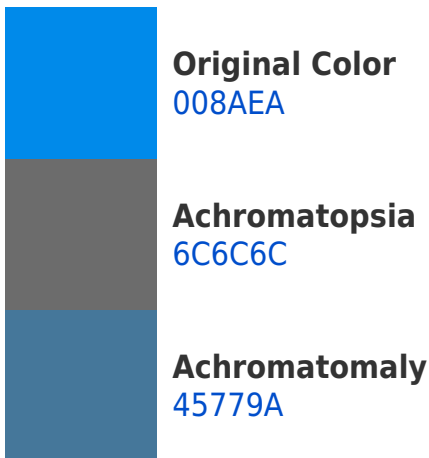


Tritanopia
00959F

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #008AEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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