

Converting Colors

Hex(008EAC)

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

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Color

Hex(008EAC)

Conversions

Conversions Part 1

Format	Color
Hex	008EAC
RGB	0, 142, 172
RGB Percent	0%, 56%, 67%
CMY	1.0000, 0.4431, 0.3255
CMYK	1.00, 0.17, 0.00, 0.33
HSL	190°, 100%, 34%
HSV	190°, 100%, 67%
XYZ	17.1194, 22.3246, 42.4365
YIQ	102.9620, -94.2620, -20.7740

Conversions

Conversions Part 2

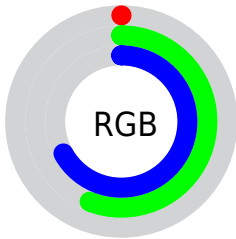
Format	Color
RYB	0, 78, 172
Decimal	36524
CIELab	54.37, -20.95, -24.76
CIELCh	54, 32.435, 229.774
Yxy	22.3246, 0.2091, 0.2726
Android (android.graphics.Color)	4278226604 (0xFF008EAC)
YUV	102.9620, 34.0357, -90.2977
Hunter-Lab	47.2489, -18.0107, -20.1770

Details

The Hex color **008EAC** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AC1E00**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5CC4E3**, and **005B78** is the 20% darker color. If you saturate the color by 10%, you get **008EAC**, and if you desaturate by 10%, it is **1191AC**.

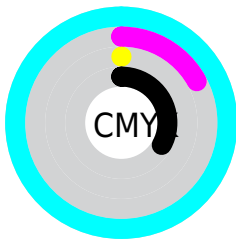
Distribution



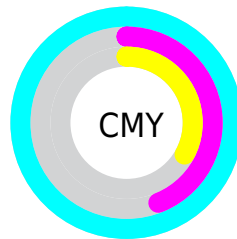
- Red (0%)
- Green (56%)
- Blue (67%)



- Red (0%)
- Yellow (31%)
- Blue (67%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 008EAC

 008EAC

FFFFFF

 007491

 5CC4E3

 005B78

 7BE0FF

 00445F

 99FDFD

 002D47

 B7FFFF

 001A30


 D5FFFF

 00011B

 F3FFFF

 000000

 008EAC

 1191AC

 2294AC

 3497AC

 459AAC

 569DAC

 67A0AC

 78A3AC

 8AA6AC

 9BA9AC

Harmonies

Analogous

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



009194



008EAC



4688B9

Triad

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



008EAC



B26D8D



82864C

Complementary

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



008EAC



AC1E00

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.



9D7D4B



008EAC



B96D70

Square

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



008EAC



9C74A6



B07358



618D5D

Rectangle

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



008EAC



6882B9



B07358



8B834A

Sweetspot

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



008EAC



9DD5E0



00AC1D



486970



F0F0F0



707070

Same Dimension

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



008EAC



00B9E0



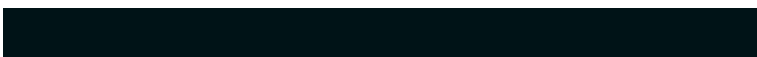
0039AC



4E5557



007C96



001317

Inverse Universe

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



AC008E



E000B9



AC7300



574E55



96007C



170013

Previews

White Background



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

Color Contrast Check

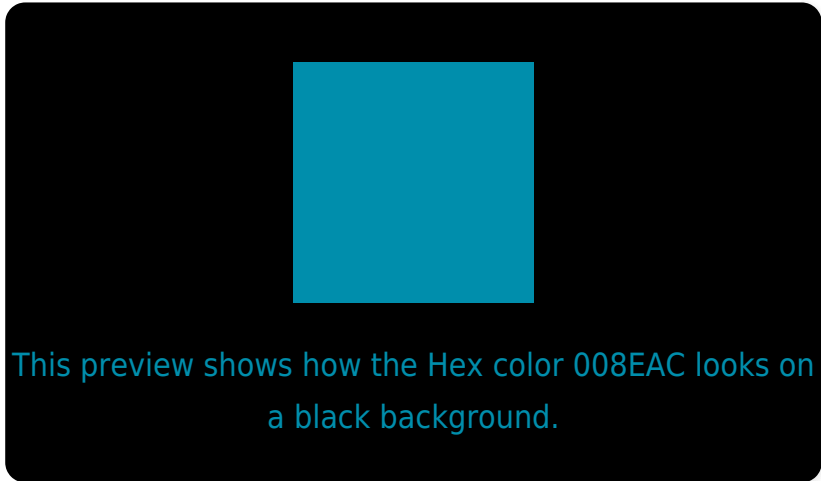
Large Text (above 18pt) WCAG AA ✓ Pass

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

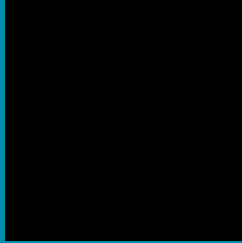
Any Text WCAG AA ✓ Pass

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 008EAC Background



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



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

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



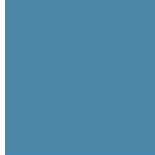


Tritanopia
00909B

Trichromacy



Original Color
008EAC



Protanomaly
4D85A6



Deuteranomaly
4A85AE



Tritanomaly
008FA1

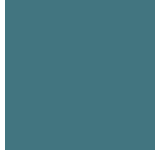
Monochromacy



Original Color
008EAC



Achromatopsia
676767



Achromatomaly
427580

CSS Examples

Text

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

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

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 #008EAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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