

Converting Colors

Hex(008EB7)

Have a look what the booklet for
Hex(008EB7) contains.

Hex(008EB7)	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(008EB7)

Conversions

Conversions Part 1

Format	Color
Hex	008EB7
RGB	0, 142, 183
RGB Percent	0%, 56%, 72%
CMY	1.0000, 0.4431, 0.2824
CMYK	1.00, 0.22, 0.00, 0.28
HSL	193°, 100%, 36%
HSV	193°, 100%, 72%
XYZ	18.2202, 22.7649, 48.2335
YIQ	104.2160, -97.7930, -17.3530

Conversions

Conversions Part 2

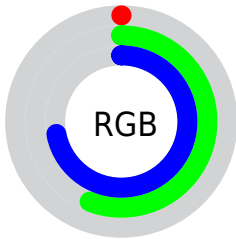
Format	Color
RYB	0, 80, 183
Decimal	36535
CIELab	54.83, -17.00, -30.34
CIElCh	55, 34.780, 240.738
Yxy	22.7649, 0.2042, 0.2552
Android (android.graphics.Color)	4278226615 (0xFF008EB7)
YUV	104.2160, 38.8405, -91.3974
Hunter-Lab	47.7126, -15.3323, -26.5385

Details

The Hex color **008EB7** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B72900**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5EC4EF**, and **005C82** is the 20% darker color. If you saturate the color by 10%, you get **008EB7**, and if you desaturate by 10%, it is **1292B7**.

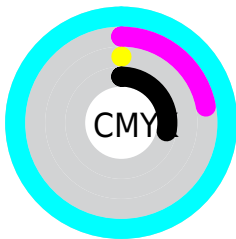
Distribution



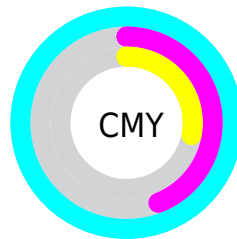
- Red (0%)
- Green (56%)
- Blue (72%)



- Red (0%)
- Yellow (31%)
- Blue (72%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (44%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008EB7 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 008EB7 by changing the saturation by 10% instead.

 008EB7

 008EB7

FFFFFF

 00749C

 5EC4EF

 005C82

 7EE0FF

 004469

 9CFCFF

 002E50

 BAF7FF

 001B39

 D8F7FF

 000223

 F7F7FF

 00000A

 000000

 008EB7

 1292B7

 2596B7

 379AB7

 499EB7

 5CA3B7

 6EA7B7

 80ABB7

 92AFB7

 A5B3B7

Harmonies

Analogous

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



0092A1



008EB7



5686BF

Triad

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



008EB7



BB6B84



768B4E

Complementary

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



008EB7



B72900

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.



968246



008EB7



BC6E66

Square

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



008EB7



A971A1



AE774F



529065

Rectangle

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



008EB7



787FBB



AE774F



81884A

Sweetspot

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



008EB7



A6DDED



00B728



4D6E78



F7F7F7



787878

Same Dimension

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



008EB7



00B8ED



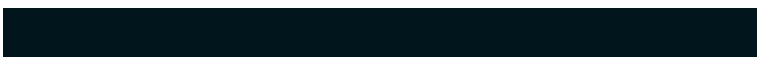
0034B7



535A5C



00799C



00161C

Inverse Universe

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



B7008E



ED00B8



B78300



5C535A



9C0079



1C0016

Previews

White Background



This preview shows how the Hex color 008EB7 looks on a white background.

Color Contrast Check

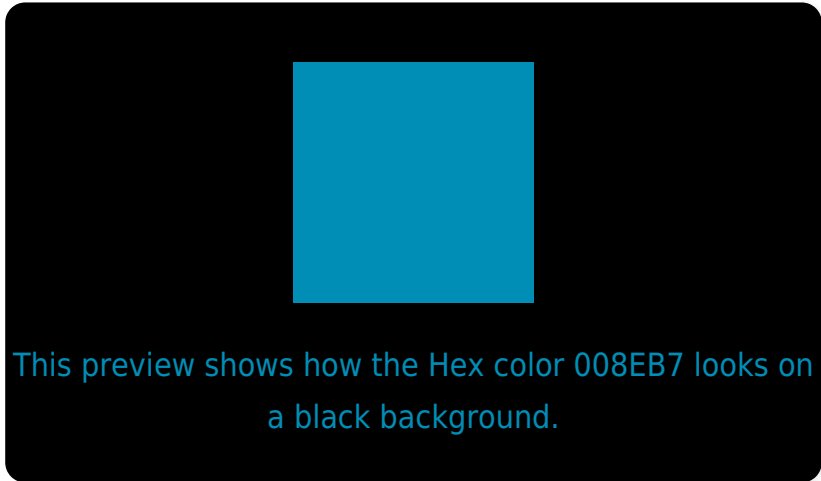
Large Text (above 18pt) WCAG AA ✓ Pass

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

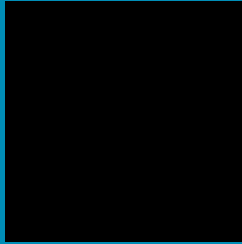
Any Text WCAG AA ✓ Pass

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 008EB7 Background



This preview shows how black text looks on a background with the Hex color 008EB7.

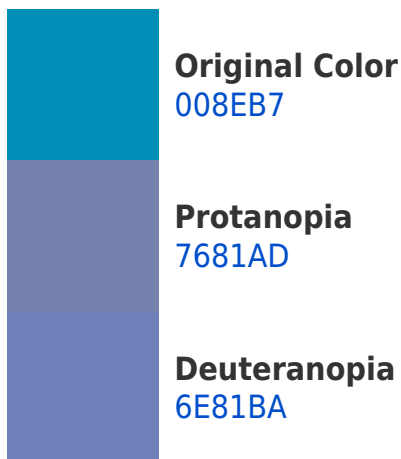


This preview shows how white text looks on a background with the Hex color 008EB7.

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
00919C

Trichromacy



Original Color
008EB7



Protanomaly
4B86B1



Deuteranomaly
4686B9



Tritanomaly
0090A6

Monochromacy



Original Color
008EB7



Achromatopsia
686868



Achromatomaly
427685

CSS Examples

Text

The CSS property to change the color of the text to Hex 008EB7 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 #008EB7 looks like.

```
.text, #text, p{  
    color:#008EB7  
}
```

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 #008EB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008EB7
}
```

Border

The CSS property to change the border of an element to Hex 008EB7 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
#008EB7 }
```

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

```
.border{ border-color:#008EB7 }
```

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

Here you see how a box with a 4 pixel #008EB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008EB7; -webkit-box-shadow:4px 4px  
4px 4px #008EB7; box-shadow:4px 4px 4px  
4px #008EB7 }
```

Background

The CSS property to change the background color of an element to Hex 008EB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008EB7 }
```

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

```
.background{ background-color:#008EB7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor