

Converting Colors

Hex(008EC2)

Have a look what the booklet for
Hex(008EC2) contains.

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Color

Hex(008EC2)

Conversions

Conversions Part 1

Format	Color
Hex	008EC2
RGB	0, 142, 194
RGB Percent	0%, 56%, 76%
CMY	1.0000, 0.4431, 0.2392
CMYK	1.00, 0.27, 0.00, 0.24
HSL	196°, 100%, 38%
HSV	196°, 100%, 76%
XYZ	19.4106, 23.2410, 54.5019
YIQ	105.4700, -101.3240, -13.9320

Conversions

Conversions Part 2

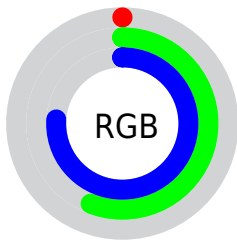
Format	Color
RYB	0, 82, 194
Decimal	36546
CIELab	55.32, -12.97, -35.83
CIELCh	55, 38.108, 250.105
Yxy	23.2410, 0.1998, 0.2392
Android (android.graphics.Color)	4278226626 (0xFF008EC2)
YUV	105.4700, 43.6453, -92.4972
Hunter-Lab	48.2090, -12.4954, -33.2831

Details

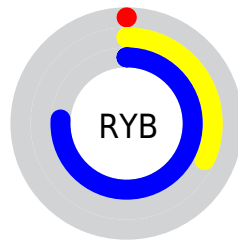
The Hex color **008EC2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C23400**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **61C4FB**, and **005C8C** is the 20% darker color. If you saturate the color by 10%, you get **008EC2**, and if you desaturate by 10%, it is **1393C2**.

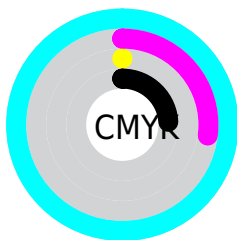
Distribution



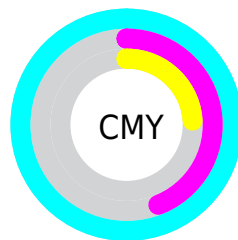
- Red (0%)
- Green (56%)
- Blue (76%)



- Red (0%)
- Yellow (32%)
- Blue (76%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008EC2 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 008EC2 by changing the saturation by 10% instead.

 008EC2

 008EC2

FFFFFF

 0074A7


 61C4FB

 005C8C

 80E0FF

 004472

 9FFCFF

 002E59

 BDFFFF

 001B42

 DCFFFF

 00032B

 FAFFFF

 000116

 000000

 008EC2

 1393C2

 2798C2

 3A9EC2

 4EA3C2

 61A8C2

 74ADC2

 88B2C2

 9BB8C2

 AFBDC2

Harmonies

Analogous

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



0094AE



008EC2



6384C5

Triad

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



008EC2



C3697A



6A8F50

Complementary

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



008EC2



C23400

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.



8E8642



008EC2



BE6F5C

Square

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



008EC2



B66D9C



AB7B46



3D946D

Rectangle

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



008EC2



877CBE



AB7B46



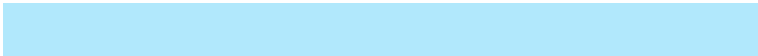
778C4A

Sweetspot

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



008EC2



B1E8FC



00C234



527380



000000



808080

Same Dimension

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



008EC2



00B9FC



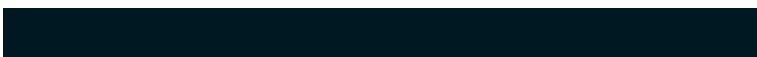
002DC2



575E61



0076A1



001821

Inverse Universe

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



C2008E



FC00B9



C29500



61575E



A10076



210018

Previews

White Background



This preview shows how the Hex color 008EC2 looks on a white background.

Color Contrast Check

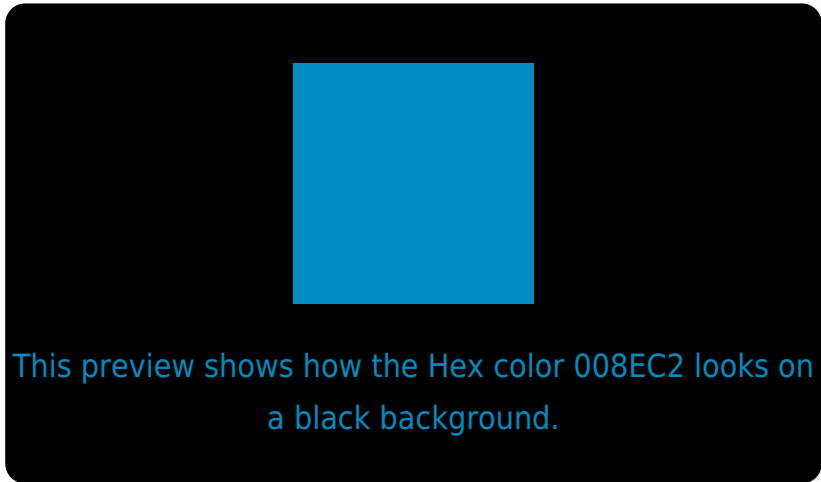
Large Text (above 18pt) WCAG AA ✓ Pass

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

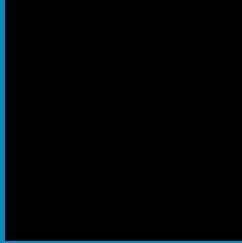
Any Text WCAG AA ✓ Pass

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 008EC2 Background



This preview shows how black text looks on a background with the Hex color 008EC2.



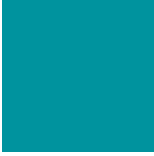
This preview shows how white text looks on a background with the Hex color 008EC2.

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](#).

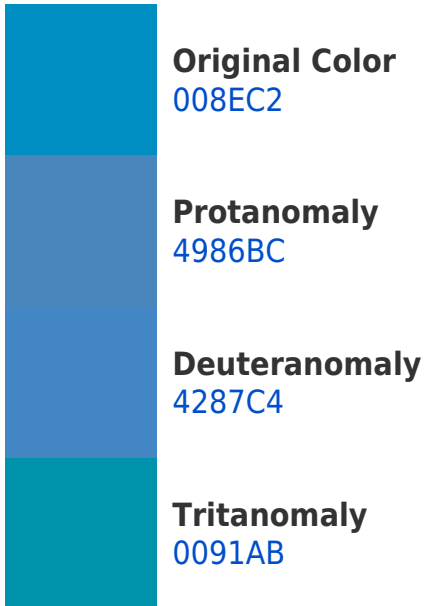
Dichromacy





Tritanopia
00939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 008EC2 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 #008EC2 looks like.

```
.text, #text, p{  
    color:#008EC2  
}
```

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 #008EC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008EC2
}
```

Border

The CSS property to change the border of an element to Hex 008EC2 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
#008EC2 }
```

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

```
.border{ border-color:#008EC2 }
```

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

Here you see how a box with a 4 pixel #008EC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008EC2; -webkit-box-shadow:4px 4px  
4px 4px #008EC2; box-shadow:4px 4px 4px  
4px #008EC2 }
```

Background

The CSS property to change the background color of an element to Hex 008EC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008EC2 }
```

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

```
.background{ background-color:#008EC2 }
```

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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