

Converting Colors

Hex(009EB2)

Have a look what the booklet for
Hex(009EB2) contains.

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Color

Hex(009EB2)

Conversions

Conversions Part 1

Format	Color
Hex	009EB2
RGB	0, 158, 178
RGB Percent	0%, 62%, 70%
CMY	1.0000, 0.3804, 0.3020
CMYK	1.00, 0.11, 0.00, 0.30
HSL	187°, 100%, 35%
HSV	187°, 100%, 70%
XYZ	20.2627, 27.6681, 46.3920
YIQ	113.0380, -100.5880, -27.2760

Conversions

Conversions Part 2

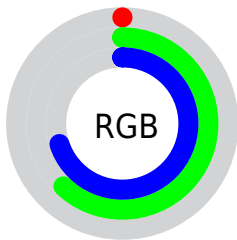
Format	Color
RYB	0, 84, 178
Decimal	40626
CIELab	59.59, -27.12, -20.17
CIELCh	60, 33.797, 216.645
Yxy	27.6681, 0.2148, 0.2933
Android (android.graphics.Color)	4278230706 (0xFF009EB2)
YUV	113.0380, 32.0263, -99.1343
Hunter-Lab	52.6004, -23.2890, -15.4717

Details

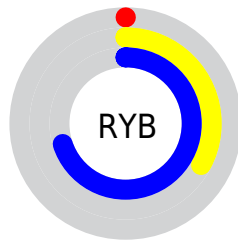
The Hex color **009EB2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B21400**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5FD5EA**, and **006A7D** is the 20% darker color. If you saturate the color by 10%, you get **009EB2**, and if you desaturate by 10%, it is **12A0B2**.

Distribution



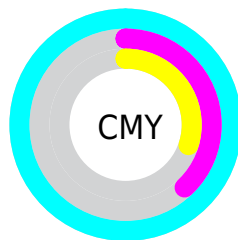
- Red (0%)
- Green (62%)
- Blue (70%)



- Red (0%)
- Yellow (33%)
- Blue (70%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (30%)




















- Cyan (100%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009EB2 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 009EB2 by changing the saturation by 10% instead.

 009EB2	 009EB2
 FFFFFFFF	 008497
 5FD5EA	 006A7D
 7FF1FF	 005264
 9DFFFF	 003A4C
 BBFFFF	 002535
 DAFFFF	 000221
 F8FFFF	 000005
	 000000

 009EB2

 12A0B2

 24A2B2

 35A4B2

 47A6B2

 59A8B2

 6BAAB2

 7DACB2

 8EAEB2

 A0B0B2

Harmonies

Analogous

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



2C9F95



009EB2



3999C5

Triad

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



009EB2



BA7CA8



9D9054

Complementary

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



009EB2



B21400

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.



B68659



009EB2



C9788A

Square

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



009EB2



9C85BF



C67C6E



7D985F

Rectangle

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



009EB2



5E93CA



C67C6E



A68D54

Sweetspot

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



009EB2



A2E0E8



00B212



4B7175



F5F5F5



757575

Same Dimension

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



009EB2



00CEE8



0047B2



505859



008899



00171A

Inverse Universe

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



B2009E



E800CE



B26B00



595058



990088



1A0017

Previews

White Background



This preview shows how the Hex color 009EB2 looks on a white background.

Color Contrast Check

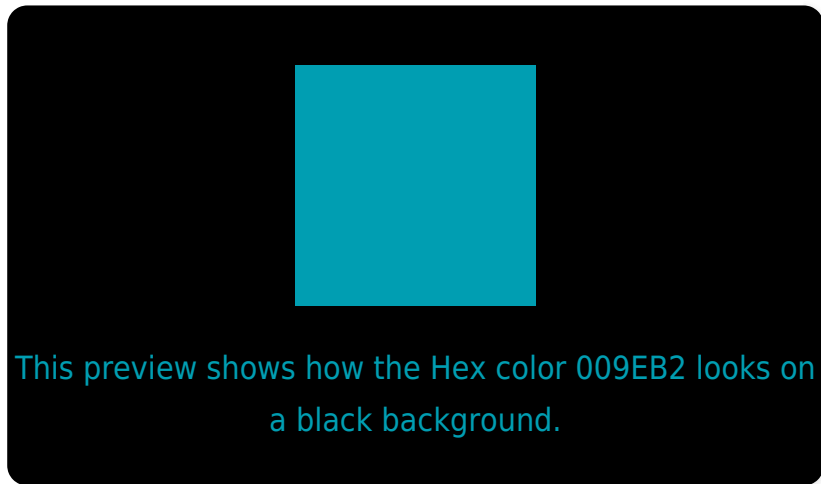
Large Text (above 18pt) WCAG AA ✓ Pass

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

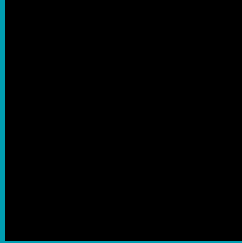
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

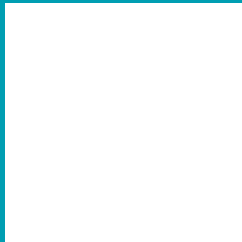
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 009EB2 Background



This preview shows how black text looks on a background with the Hex color 009EB2.

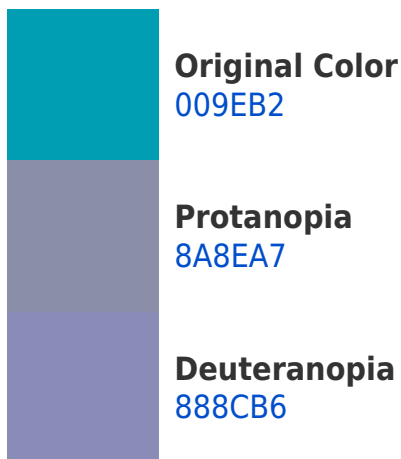


This preview shows how white text looks on a background with the Hex color 009EB2.

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



Trichromacy

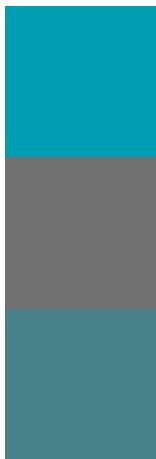


Original Color
009EB2

Protanomaly
5894AB

Deuteranomaly
5793B5

Monochromacy



Original Color
009EB2

Achromatopsia
717171

Achromatomaly
488189

CSS Examples

Text

The CSS property to change the color of the text to Hex 009EB2 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 #009EB2 looks like.

```
.text, #text, p{  
    color:#009EB2  
}
```

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 #009EB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009EB2
}
```

Border

The CSS property to change the border of an element to Hex 009EB2 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
#009EB2 }
```

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

```
.border{ border-color:#009EB2 }
```

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

Here you see how a box with a 4 pixel #009EB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009EB2; -webkit-box-shadow:4px 4px  
4px 4px #009EB2; box-shadow:4px 4px 4px  
4px #009EB2 }
```

Background

The CSS property to change the background color of an element to Hex 009EB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009EB2 }
```

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

```
.background{ background-color:#009EB2 }
```

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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