

Converting Colors

Hex(009FB2)

Have a look what the booklet for
Hex(009FB2) contains.

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Color

Hex(009FB2)

Conversions

Conversions Part 1

Format	Color
Hex	009FB2
RGB	0, 159, 178
RGB Percent	0%, 62%, 70%
CMY	1.0000, 0.3765, 0.3020
CMYK	1.00, 0.11, 0.00, 0.30
HSL	186°, 100%, 35%
HSV	186°, 100%, 70%
XYZ	20.4340, 28.0106, 46.4491
YIQ	113.6250, -100.8630, -27.7990

Conversions

Conversions Part 2

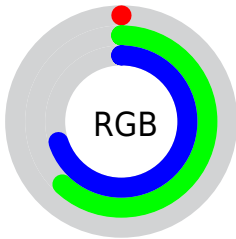
Format	Color
RYB	0, 84, 178
Decimal	40882
CIELab	59.90, -27.62, -19.70
CIELCh	60, 33.922, 215.499
Yxy	28.0106, 0.2153, 0.2952
Android (android.graphics.Color)	4278230962 (0xFF009FB2)
YUV	113.6250, 31.7369, -99.6491
Hunter-Lab	52.9251, -23.7012, -14.9877

Details

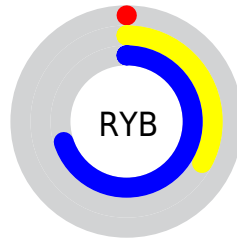
The Hex color **009FB2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B21300**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **60D6EA**, and **006B7D** is the 20% darker color. If you saturate the color by 10%, you get **009FB2**, and if you desaturate by 10%, it is **12A1B2**.

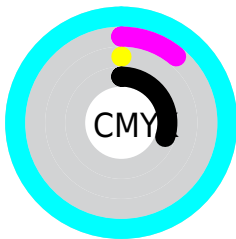
Distribution



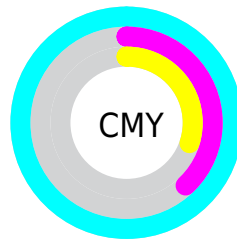
- Red (0%)
- Green (62%)
- Blue (70%)



- 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 009FB2 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 009FB2 by changing the saturation by 10% instead.

 009FB2

 009FB2

FFFFFF

 008597

 60D6EA

 006B7D

 7FF3FF

 005264

 9DFFFF

 003B4C

 BCFFFF

 002536

 DAFFFF

 000221

 F9FFFF

 000006

 000000

 009FB2

 12A1B2

 24A3B2

 35A5B2

 47A7B2

 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.



2FA095



009FB2



379AC6

Triad

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



009FB2



BA7DAA



9F9054

Complementary

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



009FB2



B21300

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.



B8865B



009FB2



C9798C

Square

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



009FB2



9B87C1



C87D6F



7F995F

Rectangle

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



009FB2



5C95CB



C87D6F



A88D54

Sweetspot

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



009FB2



A2E1E8



00B212



4B7175



F5F5F5



757575

Same Dimension

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



009FB2



00CFE8



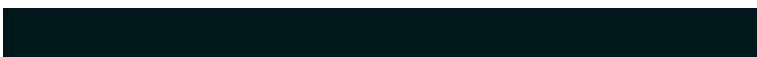
0047B2



505859



008999



00171A

Inverse Universe

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



B2009F



E800CF



B26B00



595058



990089



1A0017

Previews

White Background



This preview shows how the Hex color 009FB2 looks on a white background.

Color Contrast Check

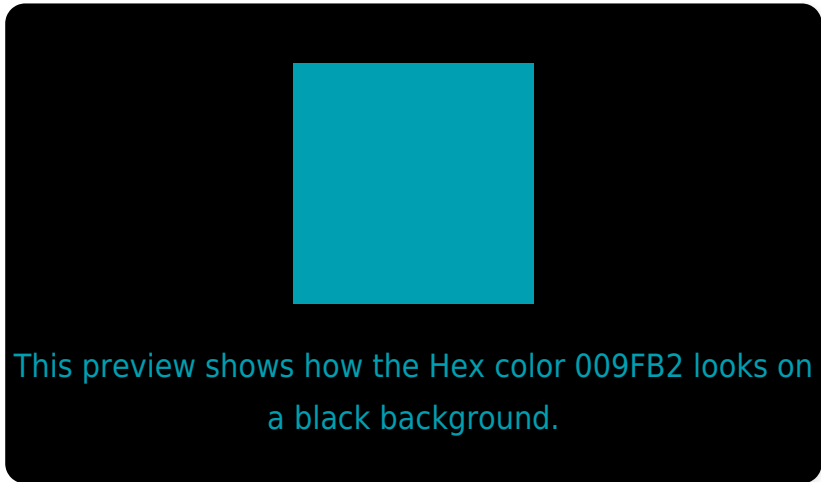
Large Text (above 18pt) WCAG AA ✓ Pass

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

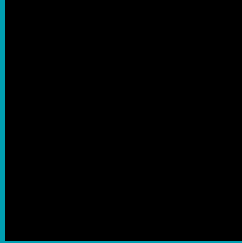
Any Text WCAG AA ✓ Pass

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 009FB2 Background



This preview shows how black text looks on a background with the Hex color 009FB2.

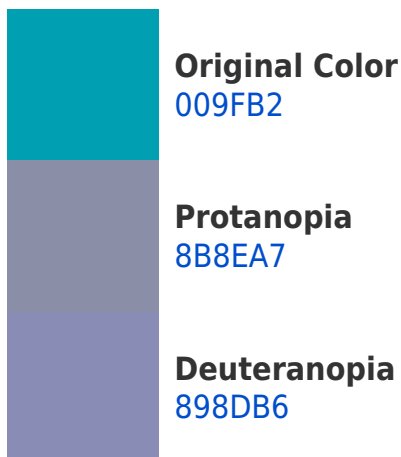


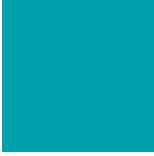
This preview shows how white text looks on a background with the Hex color 009FB2.

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
00A0AC

Trichromacy



Original Color
009FB2



Protanomaly
5894AB



Deuteranomaly
5794B5



Tritanomaly
00A0AE

Monochromacy



Original Color
009FB2



Achromatopsia
727272



Achromatomaly
498289

CSS Examples

Text

The CSS property to change the color of the text to Hex 009FB2 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 #009FB2 looks like.

```
.text, #text, p{  
    color:#009FB2  
}
```

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 #009FB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009FB2
}
```

Border

The CSS property to change the border of an element to Hex 009FB2 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
#009FB2 }
```

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

```
.border{ border-color:#009FB2 }
```

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

Here you see how a box with a 4 pixel #009FB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009FB2; -webkit-box-shadow:4px 4px  
4px 4px #009FB2; box-shadow:4px 4px 4px  
4px #009FB2 }
```

Background

The CSS property to change the background color of an element to Hex 009FB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009FB2 }
```

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

```
.background{ background-color:#009FB2 }
```

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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