

Converting Colors

Hex(009FE6)

Have a look what the booklet for
Hex(009FE6) contains.

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Color

Hex(009FE6)

Conversions

Conversions Part 1

Format	Color
Hex	009FE6
RGB	0, 159, 230
RGB Percent	0%, 62%, 90%
CMY	1.0000, 0.3765, 0.0980
CMYK	1.00, 0.31, 0.00, 0.10
HSL	199°, 100%, 45%
HSV	199°, 100%, 90%
XYZ	26.6811, 30.5094, 79.3456
YIQ	119.5530, -117.5550, -11.6270

Conversions

Conversions Part 2

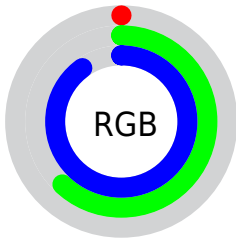
Format	Color
RYB	0, 94, 230
Decimal	40934
CIELab	62.09, -9.22, -45.34
CIELCh	62, 46.264, 258.510
Yxy	30.5094, 0.1954, 0.2235
Android (android.graphics.Color)	4278231014 (0xFF009FE6)
YUV	119.5530, 54.4504, -104.8480
Hunter-Lab	55.2354, -10.4387, -46.5053

Details

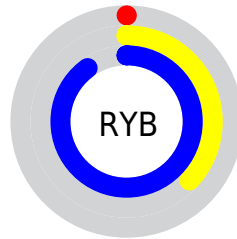
The Hex color **009FE6** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **E64700**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6AD5FF**, and **006CAE** is the 20% darker color. If you saturate the color by 10%, you get **009FE6**, and if you desaturate by 10%, it is **17A6E6**.

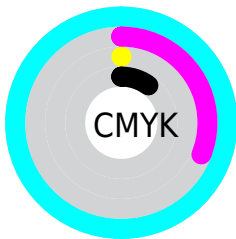
Distribution



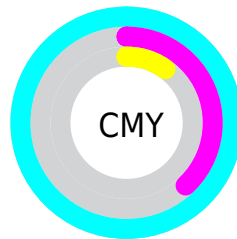
- Red (0%)
- Green (62%)
- Blue (90%)



- Red (0%)
- Yellow (37%)
- Blue (90%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (10%)





- Cyan (100%)
- Magenta (38%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009FE6 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 009FE6 by changing the saturation by 10% instead.

 009FE6

 009FE6

FFFFFF

 0085CA

 6AD5FF

 006CAE

 8BF2FF

 005493

 ABFFFF

 003D79

 CAFFFF

 002860

 EAFFFF

 001448

 000430

 00011B

 000000

■ 009FE6

■ 17A6E6

■ 2EADE6

■ 45B4E6

■ 5CBBE6

■ 73C3E6

■ 8ACAE6

■ A1D1E6

■ B8D8E6

■ CFDFE6

Harmonies

Analogous

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



00A7D2



009FE6



7F91E4

Triad

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



009FE6



E3757E



66A55E

Complementary

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



009FE6



E64700

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.



959C45



009FE6



D87F5A

Square

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



009FE6



DA75A8



BC8E44



12AA84

Rectangle

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



009FE6



A987D6



BC8E44



77A253

Sweetspot

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



009FE6



B3E7FF



00E645



527180



000000



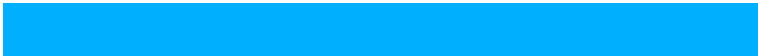
808080

Same Dimension

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



009FE6



00B0FF



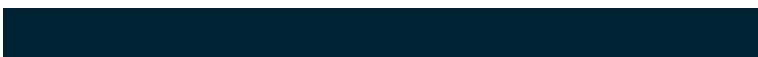
002EE6



676F73



007BB3



002333

Inverse Universe

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



E6009F



FF00B0



E6B800



73676F



B3007B



330023

Previews

White Background



This preview shows how the Hex color 009FE6 looks on a white background.

Color Contrast Check

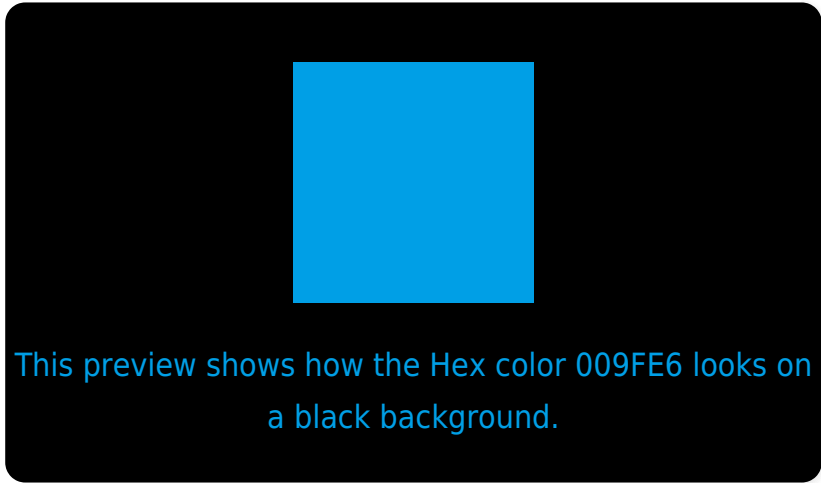
Large Text (above 18pt) WCAG AA × Fail

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

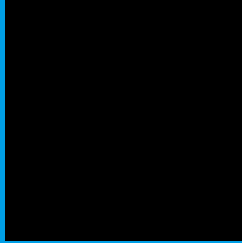
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

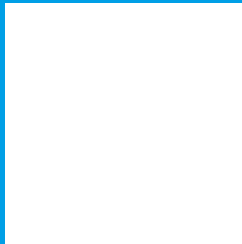
Any Text WCAG AAA ✓ Pass

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

Hex 009FE6 Background



This preview shows how black text looks on a background with the Hex color 009FE6.

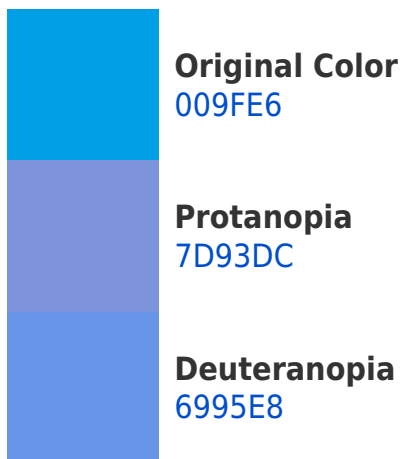


This preview shows how white text looks on a background with the Hex color 009FE6.

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
00A6B2

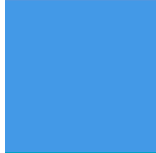
Trichromacy



Original Color
009FE6



Protanomaly
5097E0



Deuteranomaly
4399E7



Tritanomaly
00A3C5

Monochromacy



Original Color
009FE6



Achromatopsia
787878



Achromatomaly
4C86A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 009FE6 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 #009FE6 looks like.

```
.text, #text, p{  
    color:#009FE6  
}
```

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 #009FE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009FE6
}
```

Border

The CSS property to change the border of an element to Hex 009FE6 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
#009FE6 }
```

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

```
.border{ border-color:#009FE6 }
```

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

Here you see how a box with a 4 pixel #009FE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009FE6; -webkit-box-shadow:4px 4px  
4px 4px #009FE6; box-shadow:4px 4px 4px  
4px #009FE6 }
```

Background

The CSS property to change the background color of an element to Hex 009FE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009FE6 }
```

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

```
.background{ background-color:#009FE6 }
```

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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