

Converting Colors

Hex(0900F3)

Have a look what the booklet for
Hex(0900F3) contains.

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Color

Hex(0900F3)

Conversions

Conversions Part 1

Format	Color
Hex	0900F3
RGB	9, 0, 243
RGB Percent	4%, 0%, 95%
CMY	0.9647, 1.0000, 0.0471
CMYK	0.96, 1.00, 0.00, 0.05
HSL	242°, 100%, 48%
HSV	242°, 100%, 95%
XYZ	16.2903, 6.5291, 85.1957
YIQ	30.3930, -72.6390, 77.4810

Conversions

Conversions Part 2

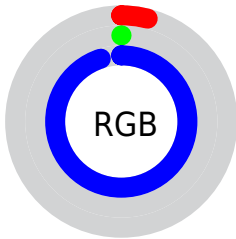
Format	Color
RYB	9, 0, 243
Decimal	590067
CIELab	30.71, 76.40, -103.76
CIElCh	31, 128.855, 306.365
Yxy	6.5291, 0.1508, 0.0604
Android (android.graphics.Color)	4278780147 (0xFF0900F3)
YUV	30.3930, 104.8153, -18.7617
Hunter-Lab	25.5522, 69.0830, -179.7972

Details

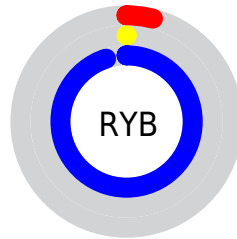
The Hex color **0900F3** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **EAF300**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **7746FF**, and **0000B9** is the 20% darker color. If you saturate the color by 10%, you get **0900F3**, and if you desaturate by 10%, it is **2018F3**.

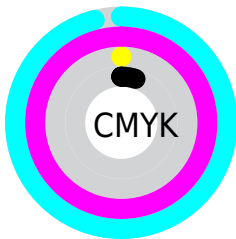
Distribution



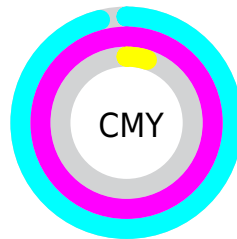
- Red (4%)
- Green (0%)
- Blue (95%)



- Red (4%)
- Yellow (0%)
- Blue (95%)



- Cyan (96%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)



- Cyan (96%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0900F3 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 0900F3 by changing the saturation by 10% instead.

 0900F3

 0900F3

FFFFFF

 0000D6

 7746FF

 0000B9

 9A61FF

 00009D

 BC7CFF

 000081

 DD98FF

 001067

 FEB4FF

 000A4E

 FFD1FF

 000536

 FFEEFF

 000220

 000004

 0900F3

 2018F3

 3831F3

 4F49F3

 6761F3

 7E79F3

 9592F3

 ADAAF3

 C4C2F3

 DCDBF3

Harmonies

Analogous

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



0059FF



0900F3



C3009C

Triad

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



0900F3



950A00



00645D

Complementary

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



0900F3



EAF300

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.



006100



0900F3



464D00

Square

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



0900F3



CB0000



005C00



0068C3

Rectangle

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



0900F3



DF005A



005C00



006339

Sweetspot

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



0900F3



B5B3FF



00EBF3



535280



000000



808080

Same Dimension

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



0900F3



0900FF



8200F3



6F6E7A



0700BA



02003B

Inverse Universe

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



F300EA



FF00F6



71F300



7A6E7A



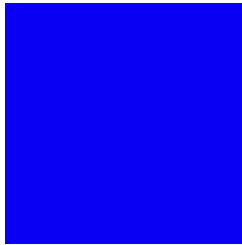
BA00B3



3B0038

Previews

White Background



This preview shows how the Hex color 0900F3 looks on a white background.

Color Contrast Check

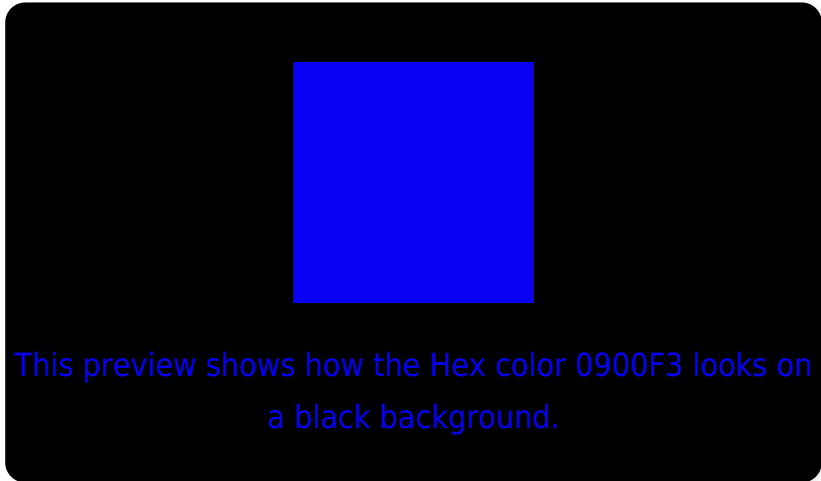
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Hex 0900F3 Background



This preview shows how black text looks on a background with the Hex color 0900F3.



This preview shows how white text looks on a background with the Hex color 0900F3.

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



Original Color
0900F3

Protanopia
004795

Deuteranopia
004C7E

Trichromacy



Original Color
0900F3

Protanomaly
032DB7

Deuteranomaly
0330A9

Tritanomaly
03348E

Monochromacy



Original Color
0900F3

Achromatopsia
1E1E1E

Achromatomaly
16136B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0900F3 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 #0900F3 looks like.

```
.text, #text, p{  
    color:#0900F3  
}
```

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 #0900F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0900F3
}
```

Border

The CSS property to change the border of an element to Hex 0900F3 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".

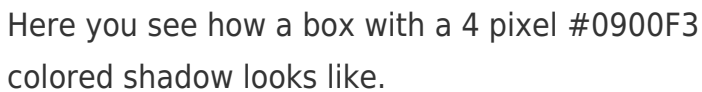
```
.border, #border, table{ border:4px solid
#0900F3 }
```

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

```
.border{ border-color:#0900F3 }
```

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

Here you see how a box with a 4 pixel #0900F3 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0900F3; -webkit-box-shadow:4px 4px  
4px 4px #0900F3; box-shadow:4px 4px 4px  
4px #0900F3 }
```

Background

The CSS property to change the background color of an element to Hex 0900F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0900F3 }
```

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

```
.background{ background-color:#0900F3 }
```

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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