

Converting Colors

Hex(0972FF)

Have a look what the booklet for
Hex(0972FF) contains.

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Color

Hex(0972FF)

Conversions

Conversions Part 1

Format	Color
Hex	0972FF
RGB	9, 114, 255
RGB Percent	4%, 45%, 100%
CMY	0.9647, 0.5529, 0.0000
CMYK	0.96, 0.55, 0.00, 0.00
HSL	214°, 100%, 52%
HSV	214°, 96%, 100%
XYZ	24.1800, 19.3127, 97.0610
YIQ	98.6790, -107.8410, 21.5910

Conversions

Conversions Part 2

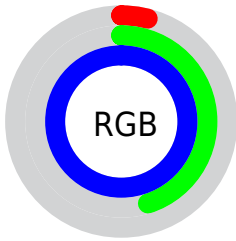
Format	Color
R _Y B	9, 83, 255
Decimal	619263
CIE Lab	51.05, 27.80, -76.88
CIE LCh	51, 81.751, 289.884
Yxy	19.3127, 0.1720, 0.1374
Android (android.graphics.Color)	4278809343 (0xFF0972FF)
YUV	98.6790, 77.0663, -78.6485
Hunter-Lab	43.9462, 21.3079, -100.1875

Details

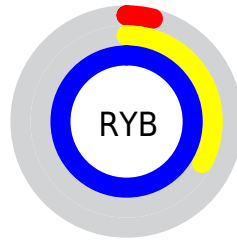
The Hex color **0972FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FF9609**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **73A5FF**, and **0044C5** is the 20% darker color. If you saturate the color by 10%, you get **006DFF**, and if you desaturate by 10%, it is **2281FF**.

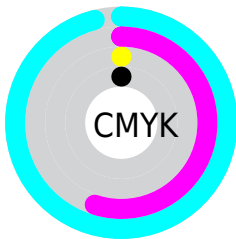
Distribution



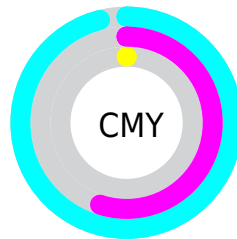
- Red (4%)
- Green (45%)
- Blue (100%)



- Red (4%)
- Yellow (33%)
- Blue (100%)



- Cyan (96%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0972FF 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 0972FF by changing the saturation by 10% instead.

 0972FF

 0972FF

FFFFFF

 005AE2

 73A5FF

 0044C5

 95C0FF

 002FA9

 B5DCFF

 001D8E

 D5F8FF

 000473

 F5FFFF

 000D5A

 000741

 00032A

 000114

0972FF

0972FF

006DFF

2281FF

3C8FFF

569EFF

6FACFF

89BBFF

A2CAFF

BCD8FF

D5E7FF

EFF6FF

Harmonies

Analogous

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



008AFF



0972FF



B34AD5

Triad

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



0972FF



D64A00



00955F

Complementary

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



0972FF



FF9609

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.



009005



0972FF



A76E00

Square

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



0972FF



EF104F



688400



0097A7

Rectangle

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



0972FF



DB25AB



688400



009446

Sweetspot

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



0972FF



B5D5FF



09FF94



536680



000000



808080

Same Dimension

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



0972FF



006DFF



1909FF



737880



0052BF



001B40

Inverse Universe

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



FF0972



FF006D



FFFF09



807378



BF0052



40001B

Previews

White Background



This preview shows how the Hex color 0972FF looks on a white background.

Color Contrast Check

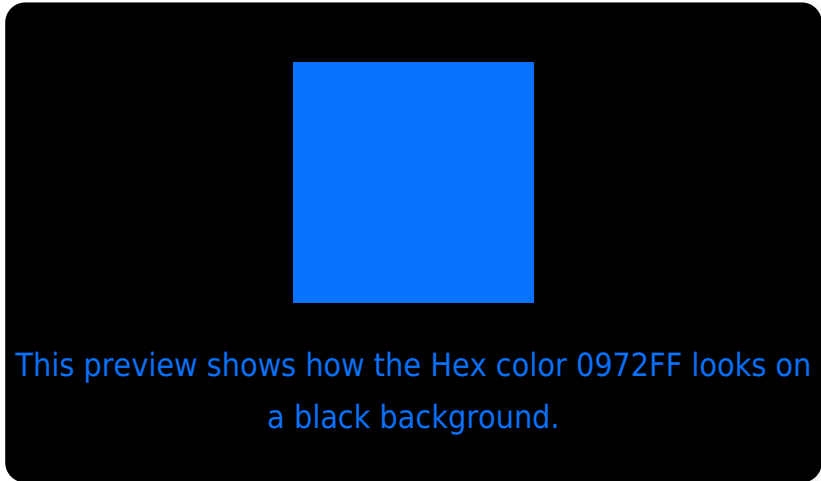
Large Text (above 18pt) WCAG AA ✓ Pass

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

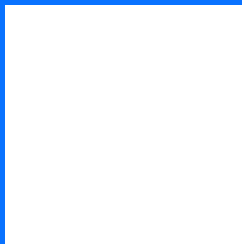
Any Text WCAG AAA × Fail

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

Hex 0972FF Background



This preview shows how black text looks on a background with the Hex color 0972FF.



This preview shows how white text looks on a background with the Hex color 0972FF.

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
0972FF

Protanomaly
0373FA

Deuteranomaly
0378E4

Monochromacy



Original Color
0972FF

Achromatopsia
636363

Achromatomaly
42689C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0972FF 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 #0972FF looks like.

```
.text, #text, p{  
    color:#0972FF  
}
```

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 #0972FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0972FF
}
```

Border

The CSS property to change the border of an element to Hex 0972FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

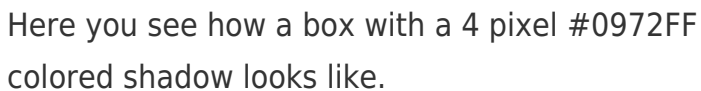
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0972FF }
```

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

```
.border{ border-color:#0972FF }
```

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



Here you see how a box with a 4 pixel #0972FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0972FF; -webkit-box-shadow:4px 4px  
4px 4px #0972FF; box-shadow:4px 4px 4px  
4px #0972FF }
```

Background

The CSS property to change the background color of an element to Hex 0972FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0972FF }
```

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

```
.background{ background-color:#0972FF }
```

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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