

Converting Colors

Hex(0103FF)

Have a look what the booklet for
Hex(0103FF) contains.

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Color

Hex(0103FF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0103FF |
| RGB | 1, 3, 255 |
| RGB Percent | 0%, 1%, 100% |
| CMY | 0.9961, 0.9882, 0.0000 |
| CMYK | 1.00, 0.99, 0.00, 0.00 |
| HSL | 240°, 100%, 50% |
| HSV | 240°, 100%, 100% |
| XYZ | 18.0951, 7.2916, 95.0614 |
| YIQ | 31.1300, -82.0840, 77.9480 |

Conversions

Conversions Part 2

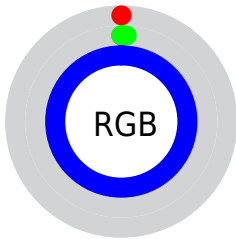
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 1, 3, 255 |
| Decimal | 66559 |
| CIELab | 32.46, 78.75, -107.60 |
| CIELCh | 32, 133.337, 306.200 |
| Yxy | 7.2916, 0.1502, 0.0605 |
| Android (android.graphics.Color) | 4278256639 (0xFF0103FF) |
| YUV | 31.1300, 110.3679, -26.4240 |
| Hunter-Lab | 27.0029, 72.3605, -189.8233 |

Details

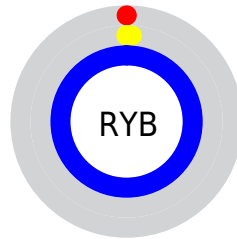
The Hex color **0103FF** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **FFFD01**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **7948FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **0002FF**, and if you desaturate by 10%, it is **1A1CFF**.

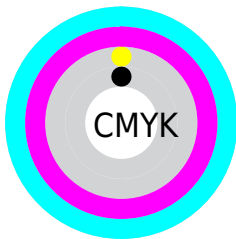
Distribution



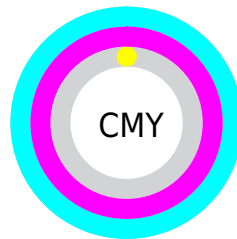
- Red (0%)
- Green (1%)
- Blue (100%)



- Red (0%)
- Yellow (1%)
- Blue (100%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0103FF 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 0103FF by changing the saturation by 10% instead.

 0103FF

 0103FF

FFFFFF

 0000E1

 7948FF

 0000C4

 9D64FF

 0000A8

 BF7FFF

 00008C

 E19BFF

 001171

 FF88FF

 000C58


 FFD4FF


 00073F

 FFF2FF

 000328

 000112

 0103FF

 0103FF

 0002FF

 1A1CFF

 3436FF

 4E4FFF

 6768FF

 8181FF

 9A9BFF

 B3B4FF

 CDCDFF

 E7E7FF

Harmonies

Analogous

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



005EFF



0103FF



CC00A4

Triad

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



0103FF



9C0B00



006961

Complementary

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



0103FF



FFD01

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.



006600



0103FF



4A5100

Square

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



0103FF



D60000



006100



006DCC

Rectangle

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



0103FF



EA005F



006100



00683C

Sweetspot

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



0103FF



B3B3FF



01FFFB



525280



000000



808080

Same Dimension

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



0103FF



0002FF



7C01FF



737380



0002BF



000140

Inverse Universe

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



FF0103



FF0002



84FF01



807373



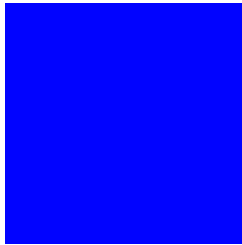
BF0002



400001

Previews

White Background



This preview shows how the Hex color 0103FF looks on a white background.

Color Contrast Check

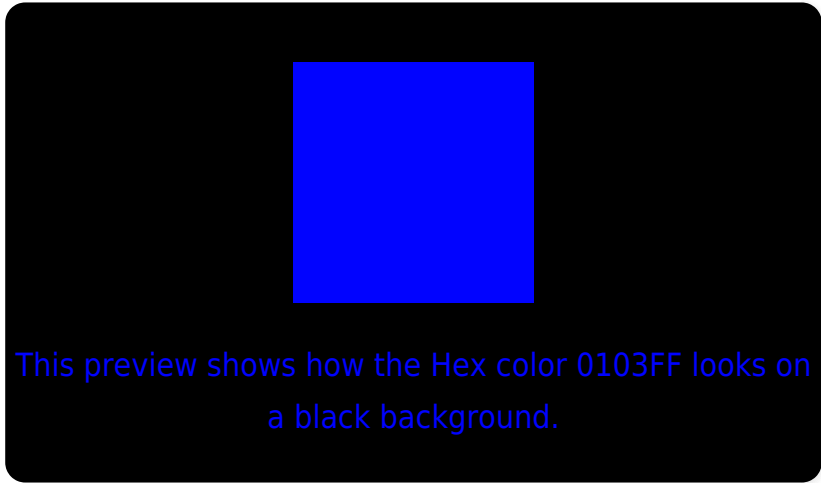
Large Text (above 18pt) WCAG AA ✓ Pass

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

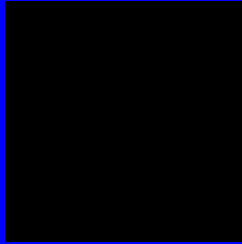
Any Text WCAG AA × Fail

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 0103FF Background



This preview shows how black text looks on a background with the Hex color 0103FF.



This preview shows how white text looks on a background with the Hex color 0103FF.

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
0103FF

Protanopia
004A9C

Deuteranopia
005084

Trichromacy



Original Color
0103FF

Protanomaly
0030C0

Deuteranomaly
0034B1

Tritanomaly
003895

Monochromacy



Original Color
0103FF

Achromatopsia
1F1F1F

Achromatomaly
141570

CSS Examples

Text

The CSS property to change the color of the text to Hex 0103FF 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 #0103FF looks like.

```
.text, #text, p{  
    color:#0103FF  
}
```

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 #0103FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0103FF
}
```

Border

The CSS property to change the border of an element to Hex 0103FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

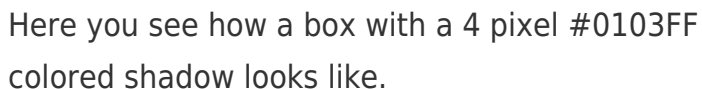
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0103FF }
```

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

```
.border{ border-color:#0103FF }
```

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



Here you see how a box with a 4 pixel #0103FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0103FF; -webkit-box-shadow:4px 4px  
4px 4px #0103FF; box-shadow:4px 4px 4px  
4px #0103FF }
```

Background

The CSS property to change the background color of an element to Hex 0103FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0103FF }
```

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

```
.background{ background-color:#0103FF }
```

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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