

Converting Colors

Hex(0143FF)

Have a look what the booklet for
Hex(0143FF) contains.

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Color

Hex(0143FF)

Conversions

Conversions Part 1

Format	Color
Hex	0143FF
RGB	1, 67, 255
RGB Percent	0%, 26%, 100%
CMY	0.9961, 0.7373, 0.0000
CMYK	1.00, 0.74, 0.00, 0.00
HSL	224°, 100%, 50%
HSV	224°, 100%, 100%
XYZ	20.0697, 11.2408, 95.7196
YIQ	68.6980, -99.6840, 44.4760

Conversions

Conversions Part 2

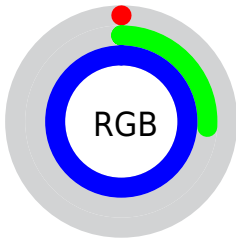
Format	Color
R _Y B	1, 53, 255
Decimal	82943
CIE Lab	39.98, 56.43, -95.07
CIE LCh	40, 110.557, 300.694
Yxy	11.2408, 0.1580, 0.0885
Android (android.graphics.Color)	4278273023 (0xFF0143FF)
YUV	68.6980, 91.8469, -59.3711
Hunter-Lab	33.5272, 48.1788, -145.8027

Details

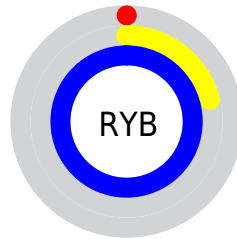
The Hex color **0143FF** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **FFBD01**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **7574FF**, and **0016C5** is the 20% darker color. If you saturate the color by 10%, you get **0042FF**, and if you desaturate by 10%, it is **1A56FF**.

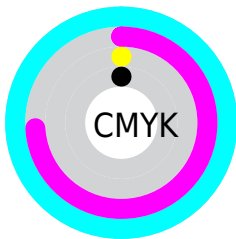
Distribution



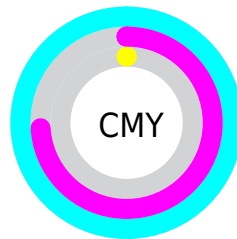
- Red (0%)
- Green (26%)
- Blue (100%)



- Red (0%)
- Yellow (21%)
- Blue (100%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0143FF 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 0143FF by changing the saturation by 10% instead.

 0143FF

 0143FF

FFFFFF

 002CE2

 7574FF

 0016C5

 988EFF

 0004A8

 BAA9FF

 00008D

 DAC5FF

 000B72

 FBE1FF

 000D58

FFFEFF

 000740

 000329

 000113

■ 0143FF

■ 0143FF

■ 0042FF

■ 1A56FF

■ 3469FF

■ 4E7CFF

■ 678EFF

■ 81A1FF

■ 9AB4FF

■ B3C7FF

■ CDDAFF

■ E7EDFF

Harmonies

Analogous

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



006EFF



0143FF



C300B9

Triad

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



0143FF



B52800



007B5E

Complementary

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



0143FF



FFBD01

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.



007800



0143FF



725D00

Square

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



0143FF



E20008



007100



007EBA

Rectangle

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



0143FF



E5007F



007100



007B3E

Sweetspot

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



0143FF



B3C6FF



01FFBB



525E80



000000



808080

Same Dimension

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



0143FF



0042FF



3C01FF



737680



0032BF



001140

Inverse Universe

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



FF0143



FF0042



C4FF01



807376



BF0032



400011

Previews

White Background



This preview shows how the Hex color 0143FF looks on a white background.

Color Contrast Check

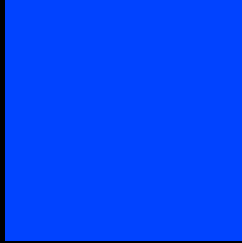
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0143FF looks on a black 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

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

Hex 0143FF Background



This preview shows how black text looks on a background with the Hex color 0143FF.



This preview shows how white text looks on a background with the Hex color 0143FF.

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
0143FF

Protanopia
005ABD

Deuteranopia
0060A1



Tritanopia
00686D

Trichromacy



Original Color
0143FF

Protanomaly
0052D5

Deuteranomaly
0055C3

Tritanomaly
005BA2

Monochromacy



Original Color
0143FF

Achromatopsia
454545

Achromatomaly
2C4489

CSS Examples

Text

The CSS property to change the color of the text to Hex 0143FF 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 #0143FF looks like.

```
.text, #text, p{  
    color:#0143FF  
}
```

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 #0143FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0143FF
}
```

Border

The CSS property to change the border of an element to Hex 0143FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

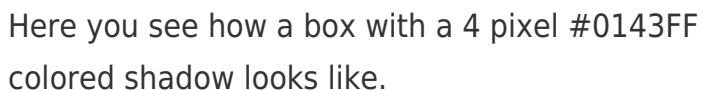
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0143FF }
```

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

```
.border{ border-color:#0143FF }
```

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



Here you see how a box with a 4 pixel #0143FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0143FF; -webkit-box-shadow:4px 4px  
4px 4px #0143FF; box-shadow:4px 4px 4px  
4px #0143FF }
```

Background

The CSS property to change the background color of an element to Hex 0143FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0143FF }
```

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

```
.background{ background-color:#0143FF }
```

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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