

Converting Colors

Hex(7931FF)

Have a look what the booklet for
Hex(7931FF) contains.

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Color

Hex(7931FF)

Conversions

Conversions Part 1

Format	Color
Hex	7931FF
RGB	121, 49, 255
RGB Percent	47%, 19%, 100%
CMY	0.5255, 0.8078, 0.0000
CMYK	0.53, 0.81, 0.00, 0.00
HSL	261°, 100%, 60%
HSV	261°, 81%, 100%
XYZ	27.0335, 13.4816, 95.7851
YIQ	94.0120, -23.2140, 79.3300

Conversions

Conversions Part 2

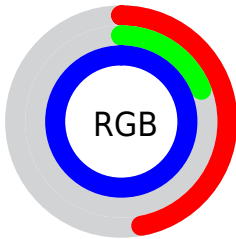
Format	Color
R _Y B	121, 49, 255
Decimal	7942655
CIE Lab	43.48, 72.44, -89.08
CIE LCh	43, 114.819, 309.117
Yxy	13.4816, 0.1983, 0.0989
Android (android.graphics.Color)	4286132735 (0xFF7931FF)
YUV	94.0120, 79.3671, 23.6685
Hunter-Lab	36.7173, 67.1673, -128.9690

Details

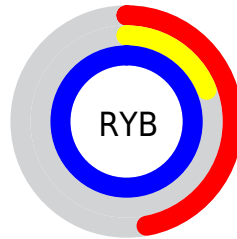
The Hex color **7931FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **B7FF31**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B969FF**, and **2F00C5** is the 20% darker color. If you saturate the color by 10%, you get **6818FF**, and if you desaturate by 10%, it is **8A4BFF**.

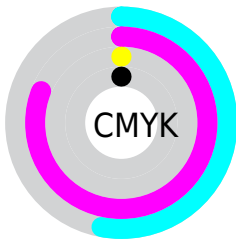
Distribution



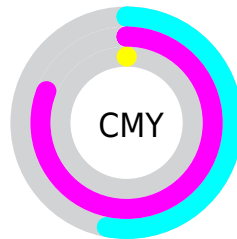
- Red (47%)
- Green (19%)
- Blue (100%)



- Red (47%)
- Yellow (19%)
- Blue (100%)



- Cyan (53%)
- Magenta (81%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (81%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7931FF 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 7931FF by changing the saturation by 10% instead.

 7931FF

 7931FF

FFFFFF

 570CE2

 B969FF

 2F00C5

 D885FF

 0000A8

 F7A1FF

 00008D

 FFBDFD

 000072

 FFDAFF

 000C58

 FFF7FF

 000740

 000329

 000113

 7931FF

 7931FF

 6818FF

 8A4BFF

 5900FF

 9A64FF

 AB7EFF

 BB97FF

 CCB1FF

 DDCAFF

 EDE4FF

 FEFDFD

FFFFFF

Harmonies

Analogous

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



006EFF



7931FF



E400AD

Triad

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



7931FF



B14500



008783

Complementary

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



7931FF



B7FF31

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.



008415



7931FF



636D00

Square

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



7931FF



E80000



007E00



0089E0

Rectangle

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



7931FF



FC006F



007E00



008662

Sweetspot

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



7931FF



D7C2FF



31BAFF



675B80



000000



808080

Same Dimension

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



7931FF



5E08FF



DD31FF



777380



4300BF



160040

Inverse Universe

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



FF31B7



FF08A9



53FF31



80737B



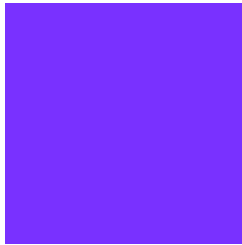
BF007C



400029

Previews

White Background



This preview shows how the Hex color 7931FF 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

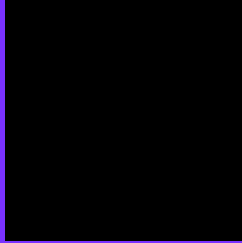
Any Text WCAG AA × Fail

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 7931FF Background



This preview shows how black text looks on a background with the Hex color 7931FF.



This preview shows how white text looks on a background with the Hex color 7931FF.

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
4D6B74

Trichromacy



Original Color
7931FF



Protanomaly
2C51E1



Deuteranomaly
2C55CE



Tritanomaly
5D56A7

Monochromacy



Original Color
7931FF



Achromatopsia
5E5E5E



Achromatomaly
684E99

CSS Examples

Text

The CSS property to change the color of the text to Hex 7931FF 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 #7931FF looks like.

```
.text, #text, p{  
    color:#7931FF  
}
```

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 #7931FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7931FF
}
```

Border

The CSS property to change the border of an element to Hex 7931FF 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
#7931FF }
```

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

```
.border{ border-color:#7931FF }
```

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

Here you see how a box with a 4 pixel #7931FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7931FF; -webkit-box-shadow:4px 4px  
4px 4px #7931FF; box-shadow:4px 4px 4px  
4px #7931FF }
```

Background

The CSS property to change the background color of an element to Hex 7931FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7931FF }
```

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

```
.background{ background-color:#7931FF }
```

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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