

Converting Colors

Hex(7912FF)

Have a look what the booklet for
Hex(7912FF) contains.

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Color

Hex(7912FF)

Conversions

Conversions Part 1

Format	Color
Hex	7912FF
RGB	121, 18, 255
RGB Percent	47%, 7%, 100%
CMY	0.5255, 0.9294, 0.0000
CMYK	0.53, 0.93, 0.00, 0.00
HSL	266°, 100%, 54%
HSV	266°, 93%, 100%
XYZ	26.1515, 11.7176, 95.4911
YIQ	75.8150, -14.6890, 95.5430

Conversions

Conversions Part 2

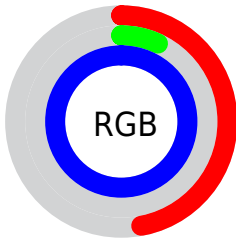
Format	Color
R_{YB}	121, 18, 255
Decimal	7934719
CIE _{Lab}	40.76, 80.53, -93.57
CIE _{LCh}	41, 123.455, 310.717
Yxy	11.7176, 0.1961, 0.0879
Android (android.graphics.Color)	4286124799 (0xFF7912FF)
YUV	75.8150, 88.3382, 39.6272
Hunter-Lab	34.2309, 76.4649, -141.4347

Details

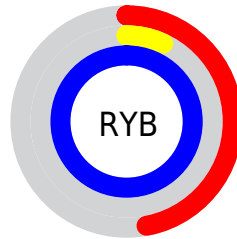
The Hex color **7912FF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **98FF12**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **B957FF**, and **2C00C5** is the 20% darker color. If you saturate the color by 10%, you get **6F00FF**, and if you desaturate by 10%, it is **872CFF**.

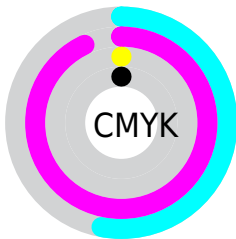
Distribution



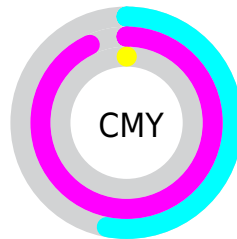
- Red (47%)
- Green (7%)
- Blue (100%)



- Red (47%)
- Yellow (7%)
- Blue (100%)



- Cyan (53%)
- Magenta (93%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (93%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7912FF 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 7912FF by changing the saturation by 10% instead.

 7912FF

 7912FF

FFFFFF

 5600E1

 B957FF

 2C00C5


 D974FF

 0000A8

 F990FF

 00008D

 FFADFF


 000072


 FFCAFF

 000C58

 FFE8FF

 000740

 000329

 000113

 7912FF

 7912FF

 6F00FF

 872CFF

 9645FF

 A45FFF

 B378FF

 C192FF

 D0ABFF

 DEC5FF

 ECDEFF

 FBF8FF

Harmonies

Analogous

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



0068FF



7912FF



E700A6

Triad

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



7912FF



A83E00



008084

Complementary

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



7912FF



98FF12

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.



007D0C



7912FF



546800

Square

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



7912FF



E40000



007800



0083E6

Rectangle

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



7912FF



FE0063



007800



007F60

Sweetspot

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



7912FF



D7B8FF



1298FF



675480



000000



808080

Same Dimension

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



7912FF



6F00FF



EF12FF



787380



5300BF



1C0040

Inverse Universe

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



FF1298



FF0090



22FF12



80737A



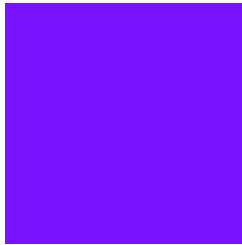
BF006C



400024

Previews

White Background



This preview shows how the Hex color 7912FF 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

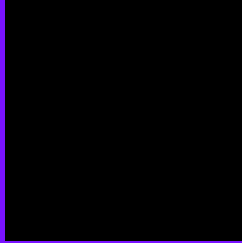
Any Text WCAG AA × Fail

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 7912FF Background



This preview shows how black text looks on a background with the Hex color 7912FF.



This preview shows how white text looks on a background with the Hex color 7912FF.

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
7912FF

Protanopia
005DC3

Deuteranopia
0063A7



Tritanopia
4B646C

Trichromacy



Original Color

7912FF



Protanomaly

2C42D9



Deuteranomaly

2C46C7



Tritanomaly

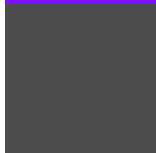
5C46A1

Monochromacy



Original Color

7912FF



Achromatopsia

4C4C4C



Achromatomaly

5C378D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7912FF 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 #7912FF looks like.

```
.text, #text, p{  
    color:#7912FF  
}
```

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 #7912FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7912FF }  
}
```

Border

The CSS property to change the border of an element to Hex 7912FF 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".

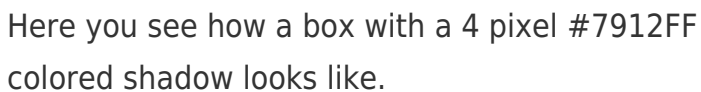
```
.border, #border, table{ border:4px solid #7912FF }  
}
```

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

```
.border{ border-color:#7912FF }
```

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

Here you see how a box with a 4 pixel #7912FF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7912FF; -webkit-box-shadow:4px 4px  
4px 4px #7912FF; box-shadow:4px 4px 4px  
4px #7912FF }
```

Background

The CSS property to change the background color of an element to Hex 7912FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7912FF }
```

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

```
.background{ background-color:#7912FF }
```

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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