

Converting Colors

Hex(7820FF)

Have a look what the booklet for
Hex(7820FF) contains.

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Color

Hex(7820FF)

Conversions

Conversions Part 1

Format	Color
Hex	7820FF
RGB	120, 32, 255
RGB Percent	47%, 13%, 100%
CMY	0.5294, 0.8745, 0.0000
CMYK	0.53, 0.87, 0.00, 0.00
HSL	264°, 100%, 56%
HSV	264°, 87%, 100%
XYZ	26.3122, 12.2461, 95.5847
YIQ	83.7340, -19.1350, 88.0090

Conversions

Conversions Part 2

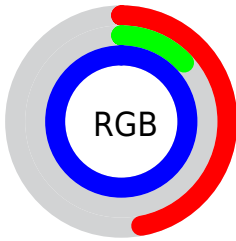
Format	Color
R _Y B	120, 32, 255
Decimal	7872767
CIE Lab	41.60, 77.57, -92.18
CIE LCh	42, 120.480, 310.081
Yxy	12.2461, 0.1962, 0.0913
Android (android.graphics.Color)	4286062847 (0xFF7820FF)
YUV	83.7340, 84.4341, 31.8053
Hunter-Lab	34.9944, 72.9736, -137.4502

Details

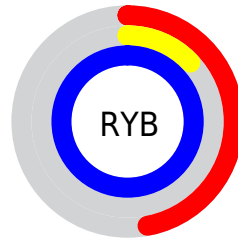
The Hex color **7820FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **A7FF20**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B85EFF**, and **2B00C5** is the 20% darker color. If you saturate the color by 10%, you get **6907FF**, and if you desaturate by 10%, it is **8739FF**.

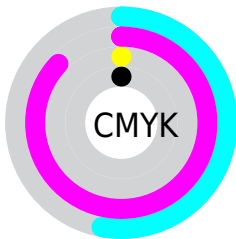
Distribution



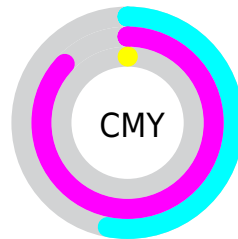
- Red (47%)
- Green (13%)
- Blue (100%)



- Red (47%)
- Yellow (13%)
- Blue (100%)



- Cyan (53%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (87%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7820FF 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 7820FF by changing the saturation by 10% instead.

 7820FF

 7820FF

FFFFFF

 5500E2

 B85EFF

 2B00C5


 D87AFF

 0000A8

 F796FF

 00008D

 FFB3FF

 000072

 FFD0FF

 000D58

 FFEDFF

 000740

 000329

 000113

 7820FF

 7820FF

 6907FF

 8739FF

 6500FF

 9753FF

 A66CFF

 B686FF

 C5A0FF

 D5B9FF

 E4D3FF

 F3ECCF

FFFFFF

Harmonies

Analogous

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



006AFF



7820FF



E600A8

Triad

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



7820FF



AB4000



008283

Complementary

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



7820FF



A7FF20

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.



007F0E



7820FF



596A00

Square

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



7820FF



E50000



007A00



0085E4

Rectangle

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



7820FF



FD0067



007A00



008160

Sweetspot

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



7820FF



D7BDFF



20AAFF



685880



000000



808080

Same Dimension

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



7820FF



6500FF



E520FF



787380



4B00BF



190040

Inverse Universe

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



FF20A7



FF009A



3AFF20



80737A



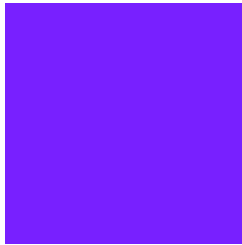
BF0074



400027

Previews

White Background



This preview shows how the Hex color 7820FF looks on a white background.

Color Contrast Check

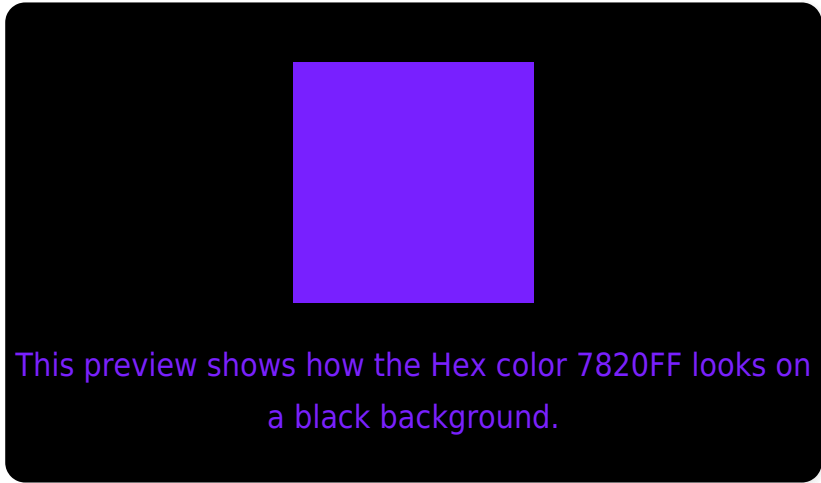
Large Text (above 18pt) WCAG AA ✓ Pass

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

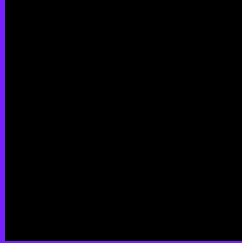
Any Text WCAG AA × Fail

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 7820FF Background



This preview shows how black text looks on a background with the Hex color 7820FF.

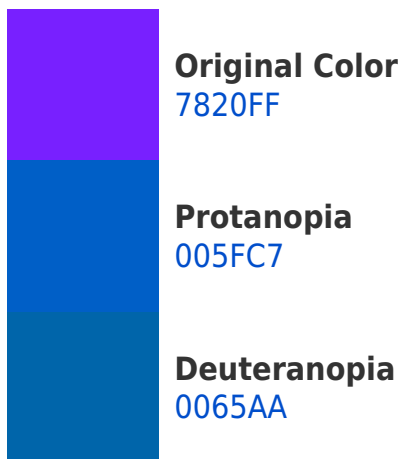



This preview shows how white text looks on a background with the Hex color 7820FF.

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
4A666F

Trichromacy



Original Color

7820FF



Protanomaly

2C48DB



Deuteranomaly

2C4CC9



Tritanomaly

5B4DA3

Monochromacy



Original Color

7820FF



Achromatopsia

545454



Achromatomaly

614192

CSS Examples

Text

The CSS property to change the color of the text to Hex 7820FF 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 #7820FF looks like.

```
.text, #text, p{  
    color:#7820FF  
}
```

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 #7820FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7820FF
}
```

Border

The CSS property to change the border of an element to Hex 7820FF 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
#7820FF }
```

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

```
.border{ border-color:#7820FF }
```

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

Here you see how a box with a 4 pixel #7820FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7820FF; -webkit-box-shadow:4px 4px  
4px 4px #7820FF; box-shadow:4px 4px 4px  
4px #7820FF }
```

Background

The CSS property to change the background color of an element to Hex 7820FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7820FF }
```

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

```
.background{ background-color:#7820FF }
```

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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