

Converting Colors

Hex(7990FF)

Have a look what the booklet for
Hex(7990FF) contains.

Hex(7990FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7990FF)

Conversions

Conversions Part 1

Format	Color
Hex	7990FF
RGB	121, 144, 255
RGB Percent	47%, 56%, 100%
CMY	0.5255, 0.4353, 0.0000
CMYK	0.53, 0.44, 0.00, 0.00
HSL	230°, 100%, 74%
HSV	230°, 53%, 100%
XYZ	35.9084, 31.2315, 98.7434
YIQ	149.7770, -49.3390, 29.6450

Conversions

Conversions Part 2

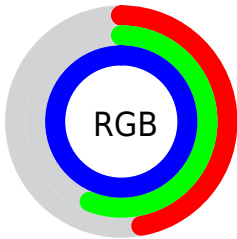
Format	Color
R _Y B	121, 141, 255
Decimal	7966975
CIE Lab	62.70, 22.22, -57.89
CIE LCh	63, 62.012, 290.998
Yxy	31.2315, 0.2165, 0.1883
Android (android.graphics.Color)	4286157055 (0xFF7990FF)
YUV	149.7770, 51.8749, -25.2374
Hunter-Lab	55.8851, 16.8944, -65.6399

Details

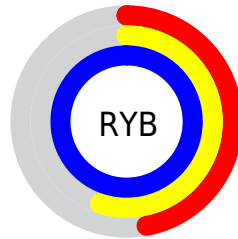
The Hex color **7990FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFE879**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B4C6FF**, and **395EC6** is the 20% darker color. If you saturate the color by 10%, you get **607BFF**, and if you desaturate by 10%, it is **93A5FF**.

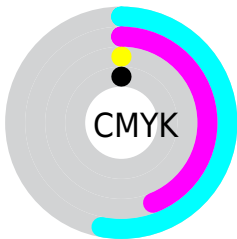
Distribution



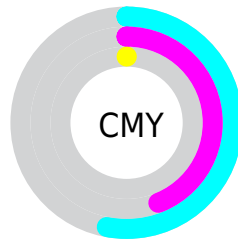
- Red (47%)
- Green (56%)
- Blue (100%)



- Red (47%)
- Yellow (55%)
- Blue (100%)



- Cyan (53%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7990FF 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 7990FF by changing the saturation by 10% instead.

 7990FF

 7990FF

FFFFFF

 5B77E2

 B4C6FF

 395EC6

 D2E1FF

 0347AA

 F0FEFF

 00318F

 001D75

 00065B

 000743

 00032C

 000116

 7990FF

 7990FF

 607BFF

 93A5FF

 4666FF

 ACBAFF

 2C51FF

 C5CFFF

 133CFF

 DFE4FF

 002CFF

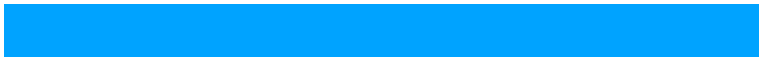
 F9FAFF

FFFFFF

Harmonies

Analogous

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



00A3FF



7990FF



CA78DE

Triad

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



7990FF



E87943



00B185

Complementary

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



7990FF



FFE879

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.



49AB4E



7990FF



C28F1F

Square

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



7990FF



FB6673



8FA024



00B2BE

Rectangle

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



7990FF



E96ABD



8FA024



00B072

Sweetspot

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



7990FF



D6DDFF



79FFE6



676B80



000000



808080

Same Dimension

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



7990FF



5E7AFF



A379FF



737580



0021BF



000B40

Inverse Universe

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



FF7990



FF5E7A



D5FF79



807375



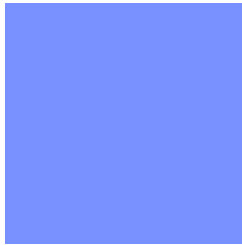
BF0021



40000B

Previews

White Background



This preview shows how the Hex color 7990FF looks on a white background.

Color Contrast Check

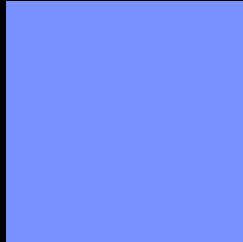
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7990FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

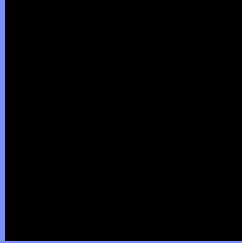
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 7990FF Background



This preview shows how black text looks on a background with the Hex color 7990FF.

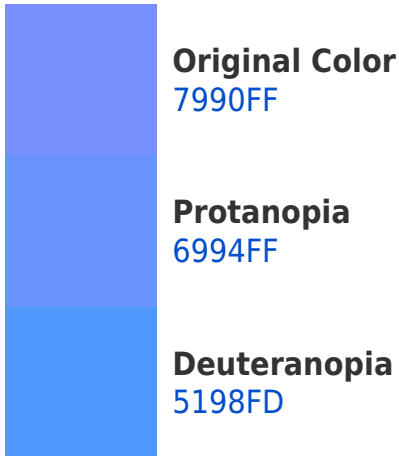


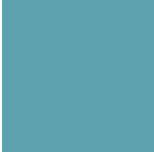
This preview shows how white text looks on a background with the Hex color 7990FF.

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](#).

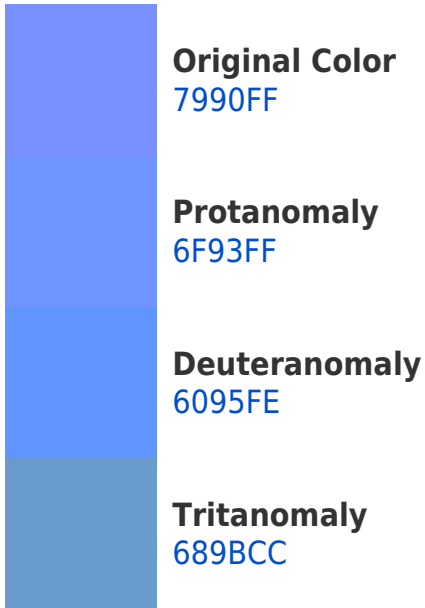
Dichromacy



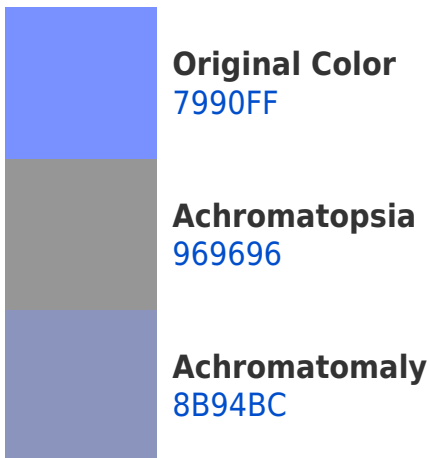


Tritanopia
5EA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7990FF 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 #7990FF looks like.

```
.text, #text, p{  
    color:#7990FF  
}
```

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 #7990FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7990FF
}
```

Border

The CSS property to change the border of an element to Hex 7990FF 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
#7990FF }
```

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

```
.border{ border-color:#7990FF }
```

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

Here you see how a box with a 4 pixel #7990FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7990FF; -webkit-box-shadow:4px 4px  
4px 4px #7990FF; box-shadow:4px 4px 4px  
4px #7990FF }
```

Background

The CSS property to change the background color of an element to Hex 7990FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7990FF }
```

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

```
.background{ background-color:#7990FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor