

Converting Colors

Hex(789BFF)

Have a look what the booklet for
Hex(789BFF) contains.

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Color

Hex(789BFF)

Conversions

Conversions Part 1

Format	Color
Hex	789BFF
RGB	120, 155, 255
RGB Percent	47%, 61%, 100%
CMY	0.5294, 0.3922, 0.0000
CMYK	0.53, 0.39, 0.00, 0.00
HSL	224°, 100%, 74%
HSV	224°, 53%, 100%
XYZ	37.5171, 34.6558, 99.3196
YIQ	155.9350, -52.9600, 23.6800

Conversions

Conversions Part 2

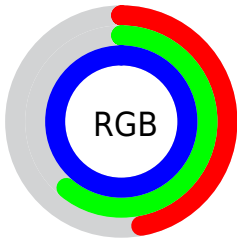
Format	Color
RYB	120, 148, 255
Decimal	7904255
CIELab	65.48, 15.57, -53.48
CIELCh	65, 55.702, 286.231
Yxy	34.6558, 0.2188, 0.2021
Android (android.graphics.Color)	4286094335 (0xFF789BFF)
YUV	155.9350, 48.8390, -31.5150
Hunter-Lab	58.8691, 10.7364, -58.8212

Details

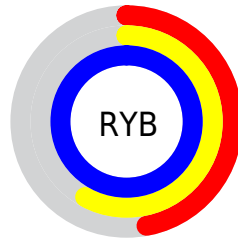
The Hex color **789BFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFDC78**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B3D1FF**, and **3868C6** is the 20% darker color. If you saturate the color by 10%, you get **5F88FF**, and if you desaturate by 10%, it is **92AEFF**.

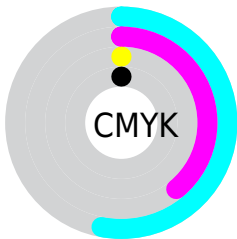
Distribution



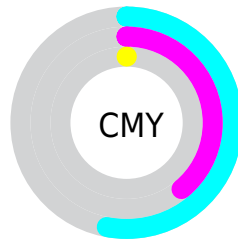
- Red (47%)
- Green (61%)
- Blue (100%)



- Red (47%)
- Yellow (58%)
- Blue (100%)



- Cyan (53%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789BFF 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 789BFF by changing the saturation by 10% instead.

 789BFF

 789BFF


FFFFFF

 5A81E2

 B3D1FF

 3868C6

 D1EDFF

 0151AA

 EFFFFFF

 003A8F

 002675

 00125C

 000743

 00032C

 000116

 789BFF

 789BFF

 5F88FF

 92AEFF

 4575FF

 ABC1FF

 2C62FF

 C4D4FF

 124FFF

 DEE7FF

 0042FF

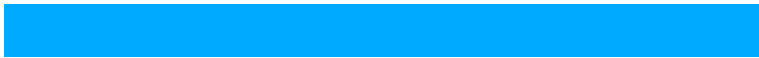
 F8F9FF

FFFFFF

Harmonies

Analogous

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



00ABFF



789BFF



C587E5

Triad

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



789BFF



EE8159



00B686

Complementary

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



789BFF



FFDC78

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.



67B057



789BFF



CE943A

Square

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



789BFF



FB7386



A1A538



00B8B9

Rectangle

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



789BFF



E47AC8



A1A538



29B575

Sweetspot

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



789BFF



D6E1FF



78FFDB



676E80



000000



808080

Same Dimension

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



789BFF



5C86FF



9878FF



737680



0032BF



001140

Inverse Universe

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



FF789B



FF5C86



E0FF78



807376



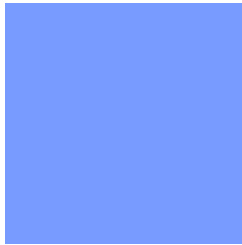
BF0032



400011

Previews

White Background



This preview shows how the Hex color 789BFF looks on a white background.

Color Contrast Check

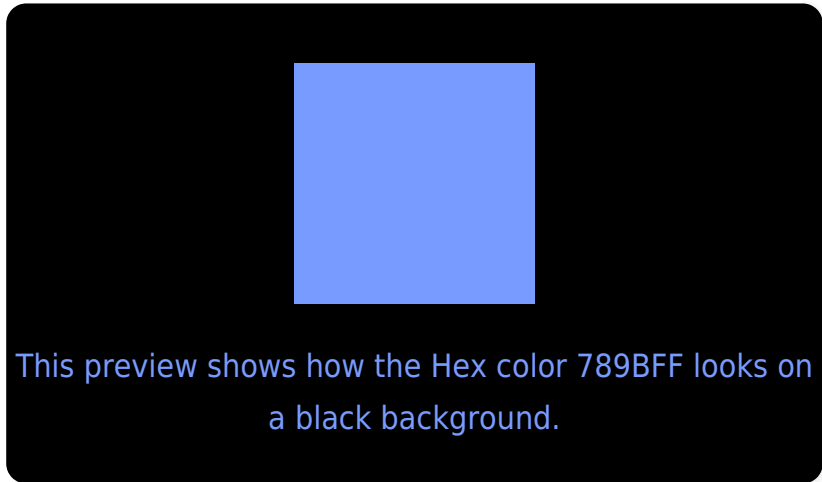
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

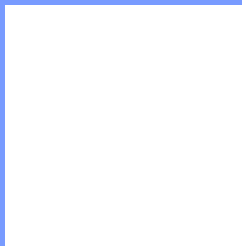
Any Text WCAG AAA ✓ Pass

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

Hex 789BFF Background



This preview shows how black text looks on a background with the Hex color 789BFF.



This preview shows how white text looks on a background with the Hex color 789BFF.

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](#).

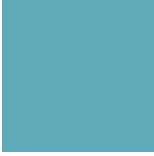
Dichromacy



Original Color
789BFF

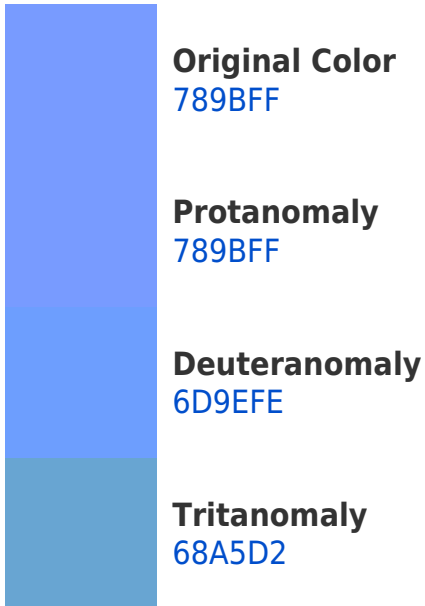
Protanopia
789BFF

Deuteranopia
679FFE

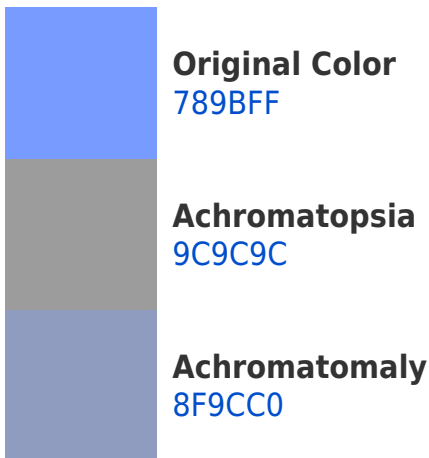


Tritanopia
5FAAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 789BFF 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 #789BFF looks like.

```
.text, #text, p{  
    color:#789BFF  
}
```

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 #789BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789BFF
}
```

Border

The CSS property to change the border of an element to Hex 789BFF 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
#789BFF }
```

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

```
.border{ border-color:#789BFF }
```

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

Here you see how a box with a 4 pixel #789BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789BFF; -webkit-box-shadow:4px 4px  
4px 4px #789BFF; box-shadow:4px 4px 4px  
4px #789BFF }
```

Background

The CSS property to change the background color of an element to Hex 789BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789BFF }
```

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

```
.background{ background-color:#789BFF }
```

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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