

Converting Colors

Hex(789BFC)

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

Hex(789BFC)	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(789BFC)

Conversions

Conversions Part 1

Format	Color
Hex	789BFC
RGB	120, 155, 252
RGB Percent	47%, 61%, 99%
CMY	0.5294, 0.3922, 0.0118
CMYK	0.52, 0.38, 0.00, 0.01
HSL	224°, 96%, 73%
HSV	224°, 52%, 99%
XYZ	37.0378, 34.4640, 96.7956
YIQ	155.5930, -51.9970, 22.7470

Conversions

Conversions Part 2

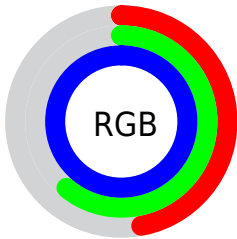
Format	Color
RYB	120, 148, 252
Decimal	7904252
CIELab	65.33, 14.65, -52.08
CIElCh	65, 54.105, 285.710
Yxy	34.4640, 0.2201, 0.2048
Android (android.graphics.Color)	4286094332 (0xFF789BFC)
YUV	155.5930, 47.5287, -31.2151
Hunter-Lab	58.7061, 9.8803, -56.6641

Details

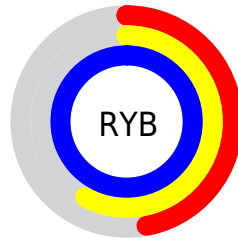
The Hex color **789BFC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FCD978**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B3D1FF**, and **3968C3** is the 20% darker color. If you saturate the color by 10%, you get **5F88FC**, and if you desaturate by 10%, it is **91AEFC**.

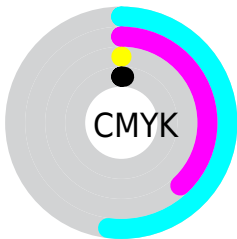
Distribution



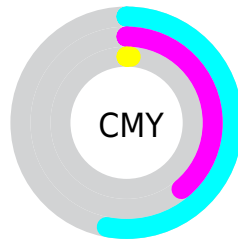
- Red (47%)
- Green (61%)
- Blue (99%)



- Red (47%)
- Yellow (58%)
- Blue (99%)



- Cyan (52%)
- Magenta (38%)
- Yellow (0%)
- Black (1%)



- Cyan (53%)
- Magenta (39%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 789BFC

 789BFC

FFFFFF

 5A81DF

 B3D1FF

 3968C3

 D1EDFF

 0651A7

 EFFFFFF

 003A8C

 002672

 001259

 000741

 00032A

 000114

 789BFC

 789BFC

 5F88FC

 91AEFC

 4676FC

 AAC0FC

 2C63FC

 C4D3FC

 1351FC

 DDE5FC

 0043FC

 F6F8FC

FFFFFC

Harmonies

Analogous

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



00AAFC



789BFC



C287E3

Triad

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



789BFC



EC815B



00B585

Complementary

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



789BFC



FCD978

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.



6AAF58



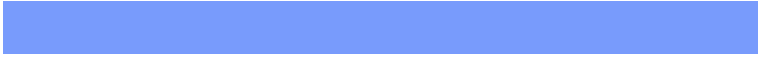
789BFC



CD943E

Square

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



789BFC



F97587



A1A43B



00B7B7

Rectangle

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



789BFC



E17BC7



A1A43B



32B475

Sweetspot

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



789BFC



D6E1FF



78FCD9



676E80



000000



808080

Same Dimension

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



789BFC



5E89FF



9778FC



70747D



0032BD



00103D

Inverse Universe

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



FC789B



FF5E89



DDFC78



7D7074



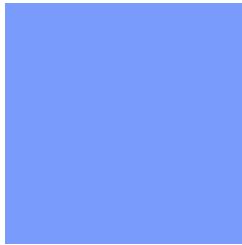
BD0032



3D0010

Previews

White Background



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

Color Contrast Check

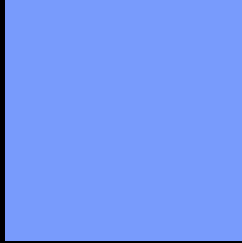
Large Text (above 18pt) WCAG AA × Fail

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 789BFC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

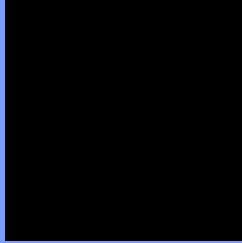
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

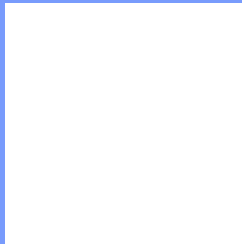
Any Text WCAG AAA ✓ Pass

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

Hex 789BFC Background



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



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

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](#).

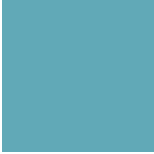
Dichromacy



Original Color
789BFC

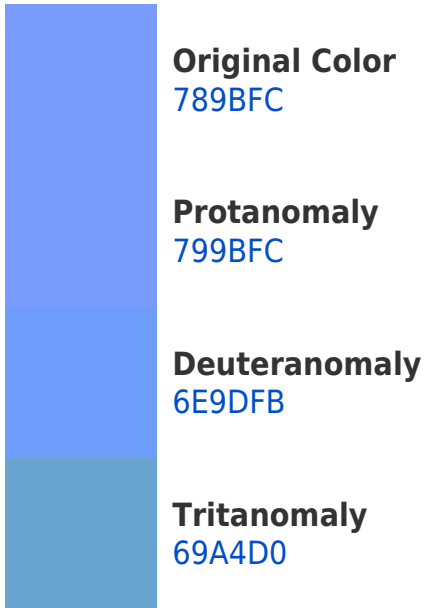
Protanopia
799BFC

Deuteranopia
699EFB



Tritanopia
61A9B7

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #789BFC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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