

Converting Colors

Hex(789BF2)

Have a look what the booklet for
Hex(789BF2) contains.

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Color

Hex(789BF2)

Conversions

Conversions Part 1

Format	Color
Hex	789BF2
RGB	120, 155, 242
RGB Percent	47%, 61%, 95%
CMY	0.5294, 0.3922, 0.0510
CMYK	0.50, 0.36, 0.00, 0.05
HSL	223°, 82%, 71%
HSV	223°, 50%, 95%
XYZ	35.4941, 33.8466, 88.6667
YIQ	154.4530, -48.7870, 19.6370

Conversions

Conversions Part 2

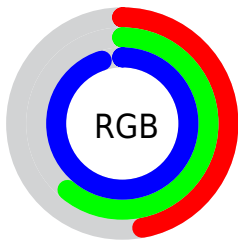
Format	Color
R _Y B	120, 147, 242
Decimal	7904242
CIE Lab	64.84, 11.61, -47.39
CIE LCh	65, 48.787, 283.767
Yxy	33.8466, 0.2246, 0.2142
Android (android.graphics.Color)	4286094322 (0xFF789BF2)
YUV	154.4530, 43.1607, -30.2153
Hunter-Lab	58.1778, 7.0911, -49.6373

Details

The Hex color **789BF2** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F2CF78**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B2D1FF**, and **3C68B9** is the 20% darker color. If you saturate the color by 10%, you get **608AF2**, and if you desaturate by 10%, it is **90ACF2**.

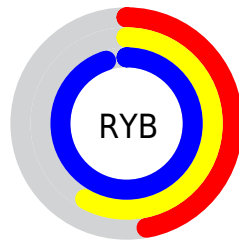
Distribution



Red (47%)

Green (61%)

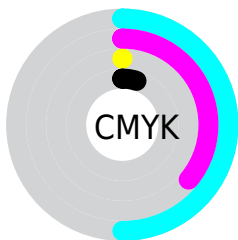
Blue (95%)



Red (47%)

Yellow (58%)

Blue (95%)

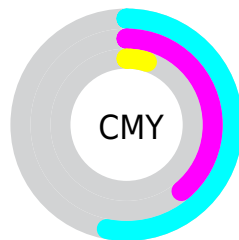


Cyan (50%)

Magenta (36%)

Yellow (0%)

Black (5%)



Cyan (53%)

Magenta (39%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789BF2 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 789BF2 by changing the saturation by 10% instead.

 789BF2

FFFFFF

 B2D1FF

 CFEDFF

 EDFFFF

 789BF2

 5B81D5

 3C68B9

 12519E

 003A84

 00256A

 001151

 000539

 000223

 00000A

■ 789BF2

■ 789BF2

■ 608AF2

■ 90ACF2

■ 4878F2

■ A8BEF2

■ 2F67F2

■ C1CFF2

■ 1756F2

■ D9E0F2

■ 0045F2

■ F1F1F2

■ FFFFF2

Harmonies

Analogous

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



00A9F1



789BF2



BB8ADD

Triad

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



789BF2



E68363



28B283

Complementary

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



789BF2



F2CF78

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.



73AC5C



789BF2



CB9348

Square

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



789BF2



EF798B



A3A145



00B3B1

Rectangle

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



789BF2



D87FC5



A3A145



49B075

Sweetspot

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



789BF2



D9E4FF



78F2CD



696F80



000000



808080

Same Dimension

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



789BF2



6692FF



9078F2



6C6F78



0035B8



001038

Inverse Universe

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



F2789B



FF6692



DAF278



786C6F



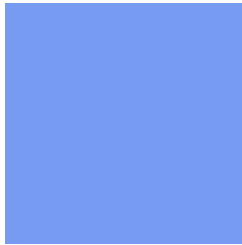
B80035



380010

Previews

White Background



This preview shows how the Hex color 789BF2 looks on a white background.

Color Contrast Check

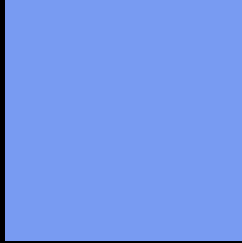
Large Text (above 18pt) WCAG AA × Fail

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 789BF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

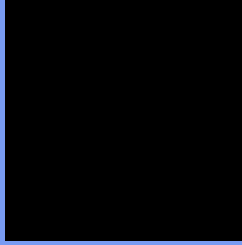
Any Text WCAG AA ✓ Pass

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 789BF2 Background



This preview shows how black text looks on a background with the Hex color 789BF2.



This preview shows how white text looks on a background with the Hex color 789BF2.

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](#).

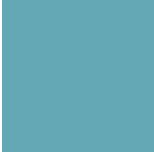
Dichromacy



Original Color
789BF2

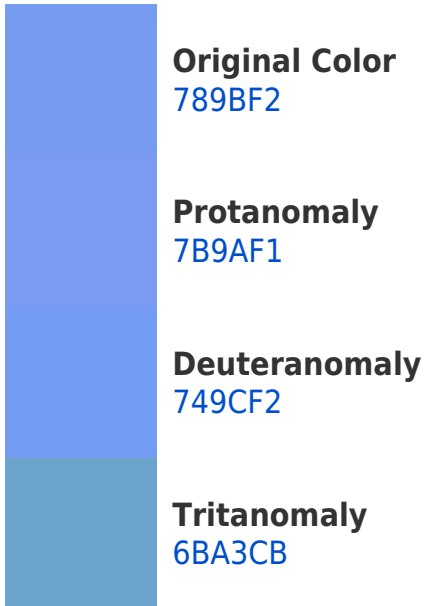
Protanopia
7D9AF1

Deuteranopia
729CF2

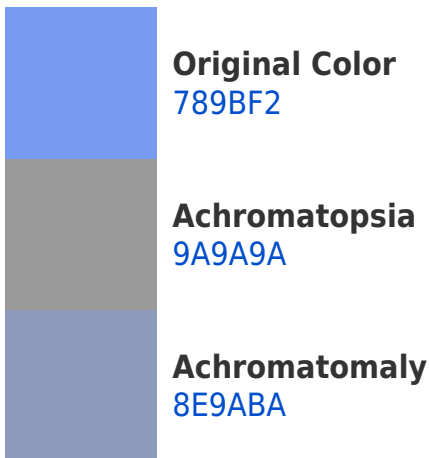


Tritanopia
64A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 789BF2 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 #789BF2 looks like.

```
.text, #text, p{  
    color:#789BF2  
}
```

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 #789BF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789BF2  
}
```

Border

The CSS property to change the border of an element to Hex 789BF2 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  
#789BF2 }
```

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

```
.border{ border-color:#789BF2 }
```

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

Here you see how a box with a 4 pixel #789BF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789BF2; -webkit-box-shadow:4px 4px  
4px 4px #789BF2; box-shadow:4px 4px 4px  
4px #789BF2 }
```

Background

The CSS property to change the background color of an element to Hex 789BF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789BF2 }
```

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

```
.background{ background-color:#789BF2 }
```

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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