

Converting Colors

Hex(809DF7)

Have a look what the booklet for
Hex(809DF7) contains.

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Color

Hex(809DF7)

Conversions

Conversions Part 1

Format	Color
Hex	809DF7
RGB	128, 157, 247
RGB Percent	50%, 62%, 97%
CMY	0.4980, 0.3843, 0.0314
CMYK	0.48, 0.36, 0.00, 0.03
HSL	225°, 88%, 74%
HSV	225°, 48%, 97%
XYZ	37.7476, 35.4185, 92.8426
YIQ	158.5890, -46.1740, 21.8420

Conversions

Conversions Part 2

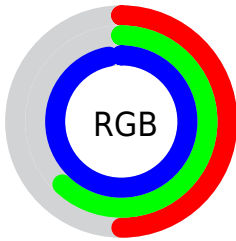
Format	Color
R _Y B	128, 151, 247
Decimal	8429047
CIE Lab	66.07, 13.76, -48.15
CIE LCh	66, 50.075, 285.951
Yxy	35.4185, 0.2274, 0.2134
Android (android.graphics.Color)	4286619127 (0xFF809DF7)
YUV	158.5890, 43.5866, -26.8266
Hunter-Lab	59.5135, 9.0685, -50.8346

Details

The Hex color **809DF7** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F7DA80**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BAD3FF**, and **456ABE** is the 20% darker color. If you saturate the color by 10%, you get **678AF7**, and if you desaturate by 10%, it is **99B0F7**.

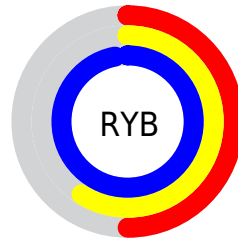
Distribution



Red (50%)

Green (62%)

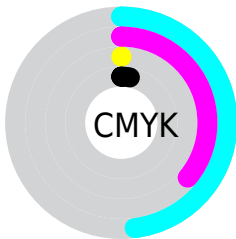
Blue (97%)



Red (50%)

Yellow (59%)

Blue (97%)

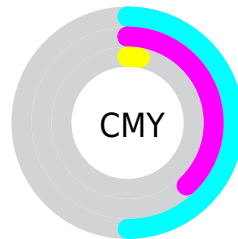


Cyan (48%)

Magenta (36%)

Yellow (0%)

Black (3%)



Cyan (50%)

Magenta (38%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 809DF7 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 809DF7 by changing the saturation by 10% instead.

 809DF7

 809DF7

FFFFFF

 6383DA

 BAD3FF

 456ABE

 D7F0FF

 2252A3

 F5FFFF

 003C88

 00276E

 001355

 00063D

 000327

 000110

■ 809DF7

■ 809DF7

■ 678AF7

■ 99B0F7

■ 4F78F7

■ B1C2F7

■ 3665F7

■ CAD5F7

■ 1D52F7

■ E3E8F7

■ 0540F7

■ FCFAF7

■ 003CF7

■ FFFFF7

Harmonies

Analogous

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



00ABF7



809DF7



C28BDF

Triad

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



809DF7



EA8662



18B689

Complementary

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



809DF7



F7DA80

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.



71B060



809DF7



CD9748

Square

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



809DF7



F57B8A



A4A646



00B7B8

Rectangle

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



809DF7



DF81C6



A4A646



42B47A

Sweetspot

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



809DF7



DBE4FF



80F7D9



6A6F80



000000



808080

Same Dimension

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



809DF7



6B8FFF



9E80F7



6E717A



002DBA



000E3B

Inverse Universe

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



F7809D



FF6B8F



D9F780



7A6E71



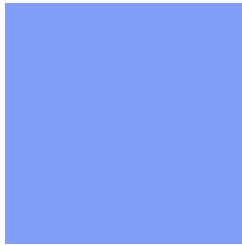
BA002D



3B000E

Previews

White Background



This preview shows how the Hex color 809DF7 looks on a white background.

Color Contrast Check

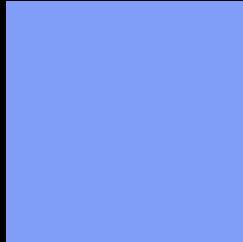
Large Text (above 18pt) WCAG AA × Fail

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 809DF7 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 809DF7 Background



This preview shows how black text looks on a background with the Hex color 809DF7.



This preview shows how white text looks on a background with the Hex color 809DF7.

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

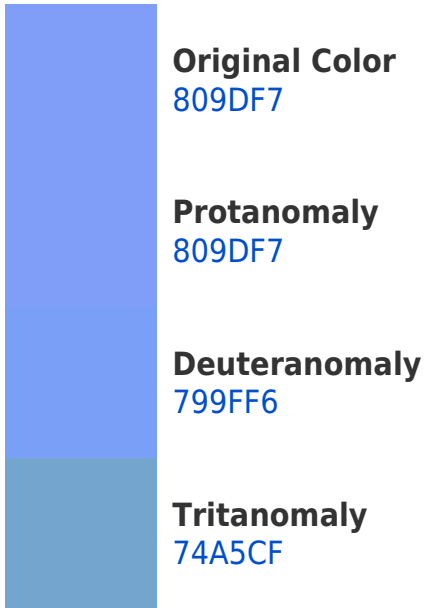


Original Color
809DF7

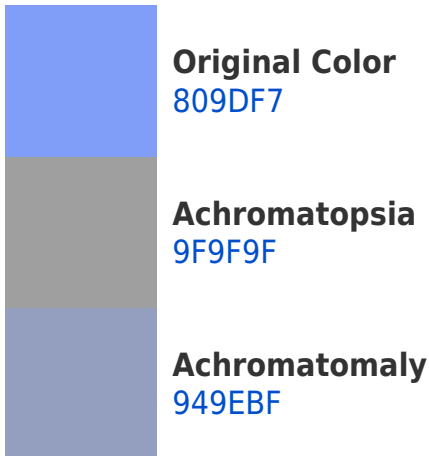
Protanopia
809DF7

Deuteranopia
75A0F6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 809DF7 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 #809DF7 looks like.

```
.text, #text, p{  
    color:#809DF7  
}
```

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 #809DF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809DF7
}
```

Border

The CSS property to change the border of an element to Hex 809DF7 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
#809DF7 }
```

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

```
.border{ border-color:#809DF7 }
```

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

Here you see how a box with a 4 pixel #809DF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809DF7; -webkit-box-shadow:4px 4px  
4px 4px #809DF7; box-shadow:4px 4px 4px  
4px #809DF7 }
```

Background

The CSS property to change the background color of an element to Hex 809DF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809DF7 }
```

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

```
.background{ background-color:#809DF7 }
```

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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