

Converting Colors

Hex(788DF7)

Have a look what the booklet for
Hex(788DF7) contains.

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Color

Hex(788DF7)

Conversions

Conversions Part 1

Format	Color
Hex	788DF7
RGB	120, 141, 247
RGB Percent	47%, 55%, 97%
CMY	0.5294, 0.4471, 0.0314
CMYK	0.51, 0.43, 0.00, 0.03
HSL	230°, 89%, 72%
HSV	230°, 51%, 97%
XYZ	34.0591, 29.7582, 91.9445
YIQ	146.8050, -46.5420, 28.5140

Conversions

Conversions Part 2

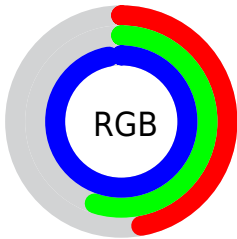
Format	Color
R _Y B	120, 138, 247
Decimal	7900663
CIE Lab	61.45, 21.33, -55.51
CIE LCh	61, 59.469, 291.016
Yxy	29.7582, 0.2187, 0.1910
Android (android.graphics.Color)	4286090743 (0xFF788DF7)
YUV	146.8050, 49.3961, -23.5080
Hunter-Lab	54.5511, 15.9825, -61.7460

Details

The Hex color **788DF7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F7E278**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B3C2FF**, and **3A5BBE** is the 20% darker color. If you saturate the color by 10%, you get **5F78F7**, and if you desaturate by 10%, it is **91A2F7**.

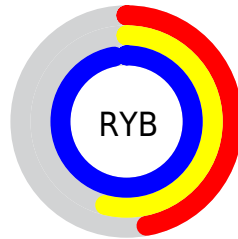
Distribution



Red (47%)

Green (55%)

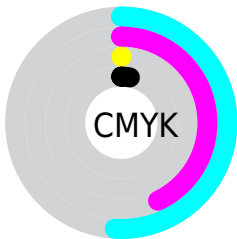
Blue (97%)



Red (47%)

Yellow (54%)

Blue (97%)

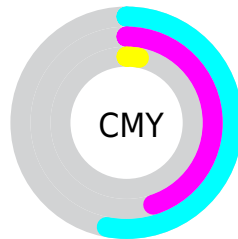


Cyan (51%)

Magenta (43%)

Yellow (0%)

Black (3%)



Cyan (53%)

Magenta (45%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 788DF7 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 788DF7 by changing the saturation by 10% instead.

 788DF7

 788DF7

FFFFFF

 5A74DA


 B3C2FF

 3A5BBE


 D0DEFF

 0A44A2

 EEFBFF


 002F88

 001B6E

 000055

 00063D

 000226

 00010F

■ 788DF7

■ 788DF7

■ 5F78F7

■ 91A2F7

■ 4764F7

■ A9B6F7

■ 2E4FF7

■ C2CBF7

■ 153BF7

■ DBDFF7

■ 0029F7

■ F4F4F7

■ FFFFF7

Harmonies

Analogous

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



009FFC



788DF7



C576D7

Triad

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



788DF7



E27743



00AD82

Complementary

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



788DF7



F7E278

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.



4AA74E



788DF7



BD8C23

Square

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



788DF7



F46572



8C9D27



00ADB9

Rectangle

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



788DF7



E269B8



8C9D27



00AB70

Sweetspot

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



788DF7



D9DFFF



78F7E2



696C80



000000



808080

Same Dimension

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



788DF7



617BFF



A278F7



6E707A



001FBA



000A3B

Inverse Universe

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



F7788D



FF617B



CDF778



7A6E70



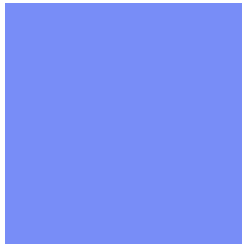
BA001F



3B000A

Previews

White Background



This preview shows how the Hex color 788DF7 looks on a white background.

Color Contrast Check

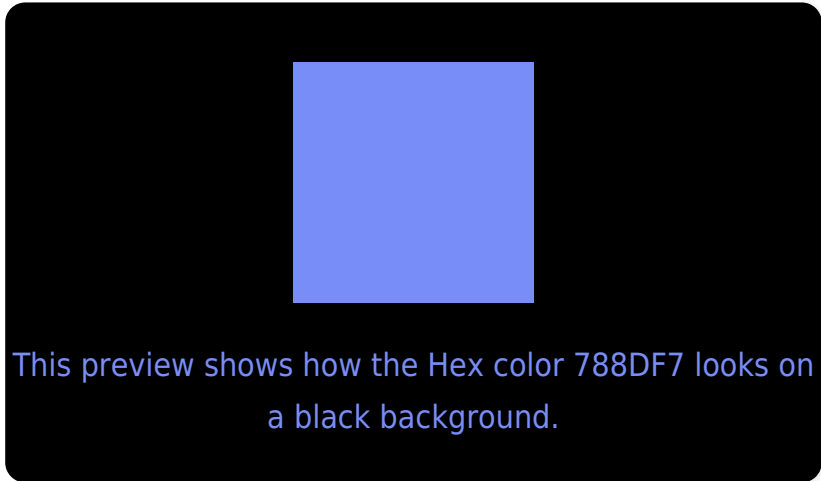
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 788DF7 Background



This preview shows how black text looks on a background with the Hex color 788DF7.

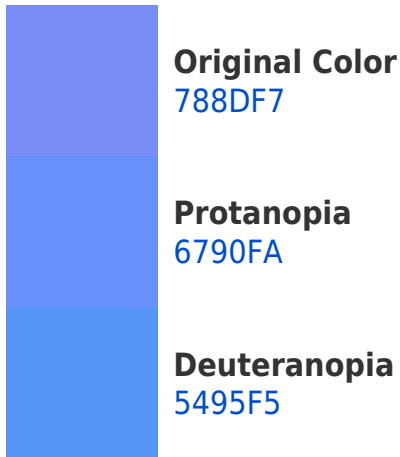


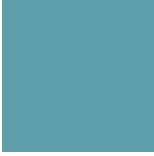
This preview shows how white text looks on a background with the Hex color 788DF7.

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](#).

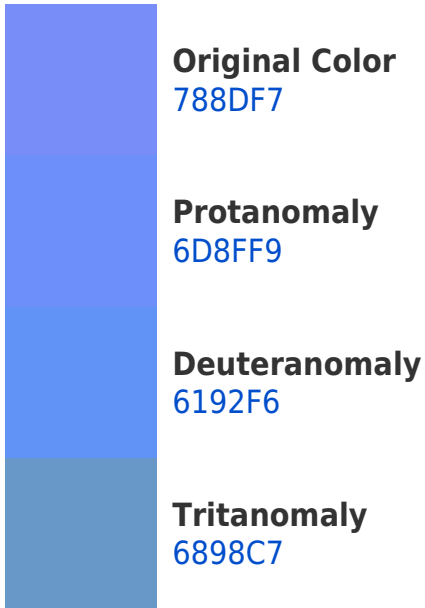
Dichromacy



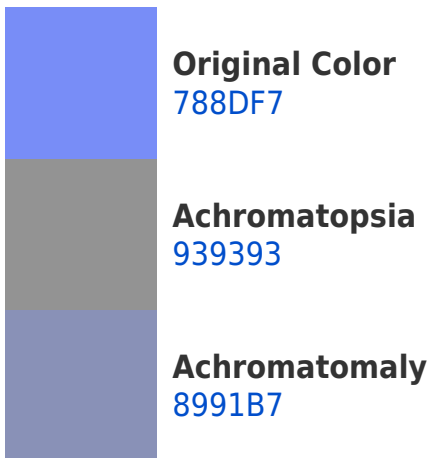


Tritanopia
5F9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 788DF7 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 #788DF7 looks like.

```
.text, #text, p{  
    color:#788DF7  
}
```

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 #788DF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788DF7
}
```

Border

The CSS property to change the border of an element to Hex 788DF7 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
#788DF7 }
```

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

```
.border{ border-color:#788DF7 }
```

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

Here you see how a box with a 4 pixel #788DF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788DF7; -webkit-box-shadow:4px 4px  
4px 4px #788DF7; box-shadow:4px 4px 4px  
4px #788DF7 }
```

Background

The CSS property to change the background color of an element to Hex 788DF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788DF7 }
```

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

```
.background{ background-color:#788DF7 }
```

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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