

Converting Colors

Hex(788FDD)

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

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Color

Hex(788FDD)

Conversions

Conversions Part 1

Format	Color
Hex	788FDD
RGB	120, 143, 221
RGB Percent	47%, 56%, 87%
CMY	0.5294, 0.4392, 0.1333
CMYK	0.46, 0.35, 0.00, 0.13
HSL	226°, 60%, 67%
HSV	226°, 46%, 87%
XYZ	30.6193, 28.8584, 72.3630
YIQ	145.0150, -38.7460, 19.3820

Conversions

Conversions Part 2

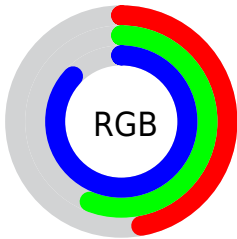
Format	Color
RYB	120, 139, 221
Decimal	7901149
CIELab	60.66, 12.34, -42.37
CIELCh	61, 44.130, 286.242
Yxy	28.8584, 0.2322, 0.2189
Android (android.graphics.Color)	4286091229 (0xFF788FDD)
YUV	145.0150, 37.4606, -21.9382
Hunter-Lab	53.7201, 7.7312, -42.2619

Details

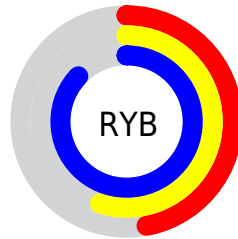
The Hex color **788FDD** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DDC678**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B0C5FF**, and **405DA5** is the 20% darker color. If you saturate the color by 10%, you get **627EDD**, and if you desaturate by 10%, it is **8EA0DD**.

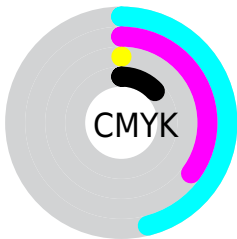
Distribution



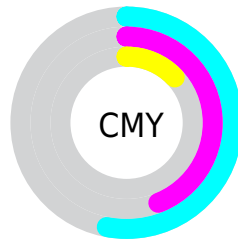
- Red (47%)
- Green (56%)
- Blue (87%)



- Red (47%)
- Yellow (55%)
- Blue (87%)



- Cyan (46%)
- Magenta (35%)
- Yellow (0%)
- Black (13%)



- Cyan (53%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 788FDD

 788FDD

FFFFFF

 5C76C1

 B0C5FF

 405DA5

 CDE0FF

 1F468B

 EAFDFF

 003071

 001C58

 000040

 000329

 000113

 000000

■ 788FDD

■ 788FDD

■ 627EDD

■ 8EA0DD

■ 4C6DDD

■ A4B1DD

■ 365CDD

■ BAC2DD

■ 204BDD

■ D0D3DD

■ 0A3ADD

■ E7E4DD

■ 0032DD

■ FDF5DD

■ FFFFDD

Harmonies

Analogous

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



009CDD



788FDD



B080C8

Triad

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



788FDD



D27C5C



27A57E

Complementary

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



788FDD



DDC678

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.



69A05B



788FDD



B98A45

Square

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



788FDD



DC727F



959745



00A6A7

Rectangle

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



788FDD



C977B2



959745



43A472

Sweetspot

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



788FDD



DBE3FF



78DDC5



6A6F80



000000



808080

Same Dimension

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



788FDD



7393FF



9378DD



63656E



0027AD



000A2E

Inverse Universe

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



DD788F



FF7393



C2DD78



6E6365



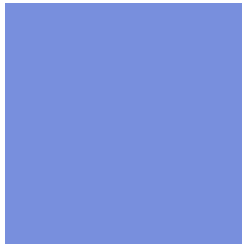
AD0027



2E000A

Previews

White Background



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

Color Contrast Check

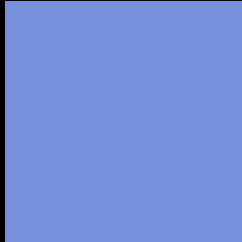
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 788FDD 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 × Fail

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

Hex 788FDD Background



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



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

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](#).

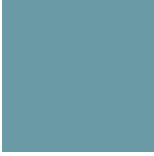
Dichromacy



Original Color
788FDD

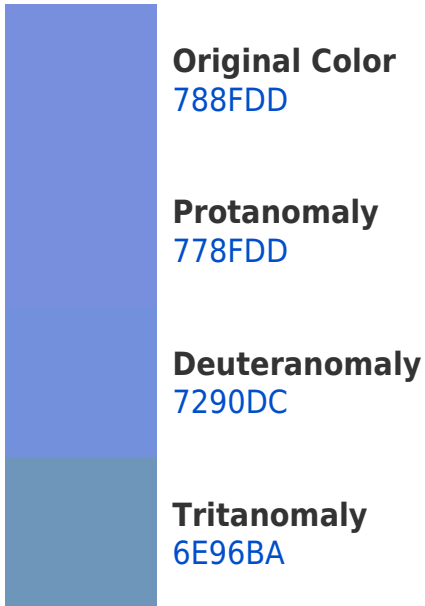
Protanopia
778FDD

Deuteranopia
6F91DC

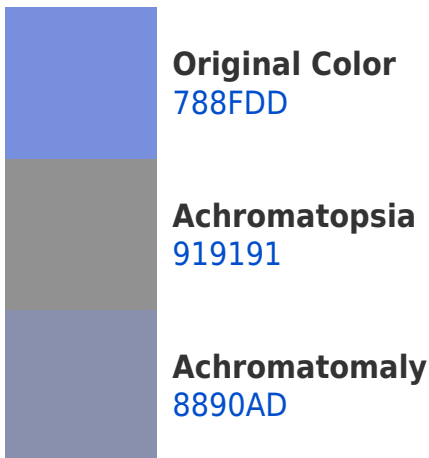


Tritanopia
699AA6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #788FDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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