

Converting Colors

Hex(789FF1)

Have a look what the booklet for
Hex(789FF1) contains.

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Color

Hex(789FF1)

Conversions

Conversions Part 1

Format	Color
Hex	789FF1
RGB	120, 159, 241
RGB Percent	47%, 62%, 95%
CMY	0.5294, 0.3765, 0.0549
CMYK	0.50, 0.34, 0.00, 0.05
HSL	221°, 81%, 71%
HSV	221°, 50%, 95%
XYZ	36.0210, 35.1402, 88.1033
YIQ	156.6870, -49.5660, 17.2340

Conversions

Conversions Part 2

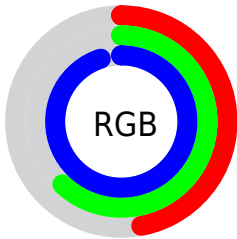
Format	Color
R _Y B	120, 149, 241
Decimal	7905265
CIE Lab	65.86, 9.00, -45.24
CIE LCh	66, 46.122, 281.252
Yxy	35.1402, 0.2262, 0.2206
Android (android.graphics.Color)	4286095345 (0xFF789FF1)
YUV	156.6870, 41.5663, -32.1745
Hunter-Lab	59.2792, 4.7271, -46.6240

Details

The Hex color **789FF1** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F1CA78**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B2D5FF**, and **3C6CB8** is the 20% darker color. If you saturate the color by 10%, you get **608FF1**, and if you desaturate by 10%, it is **90AFF1**.

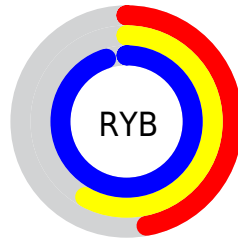
Distribution



Red (47%)

Green (62%)

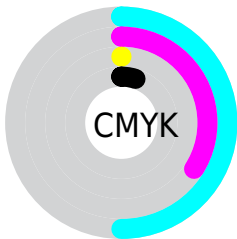
Blue (95%)



Red (47%)

Yellow (58%)

Blue (95%)

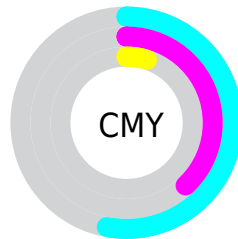


Cyan (50%)

Magenta (34%)

Yellow (0%)

Black (5%)



Cyan (53%)

Magenta (38%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789FF1 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 789FF1 by changing the saturation by 10% instead.

 789FF1

 789FF1

FFFFFF

 5B85D4

 B2D5FF

 3C6CB8

 CFF2FF

 14549D

 EDFFFF

 003D83

 002869

 001550

 000539

 000222

 000009

■ 789FF1

■ 789FF1

■ 608FF1

■ 90AFF1

■ 487EF1

■ A8C0F1

■ 306EF1

■ C0D0F1

■ 185EF1

■ D8E0F1

■ 004EF1

■ F0F1F1

■ FFFFF1

Harmonies

Analogous

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



00ACEE



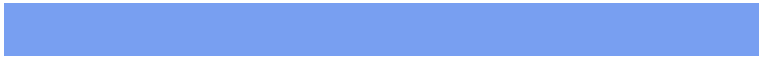
789FF1



B88FDE

Triad

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



789FF1



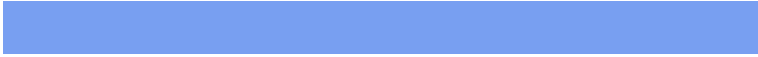
E7866B



40B384

Complementary

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



789FF1



F1CA78

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.



7DAD60



789FF1



CF9451

Square

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



789FF1



EE7E92



AAA34C



00B5AF

Rectangle

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



789FF1



D585C8



AAA34C



58B277

Sweetspot

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



789FF1



D9E5FF



78F1C9



697080



000000



808080

Same Dimension

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



789FF1



6697FF



8C78F1



6C7078



003BB8



001238

Inverse Universe

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



F1789F



FF6697



DDF178



786C70



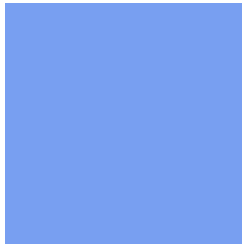
B8003B



380012

Previews

White Background



This preview shows how the Hex color 789FF1 looks on a white background.

Color Contrast Check

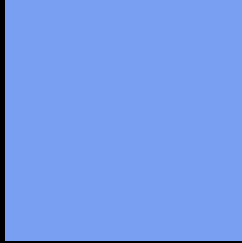
Large Text (above 18pt) WCAG AA × Fail

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 789FF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

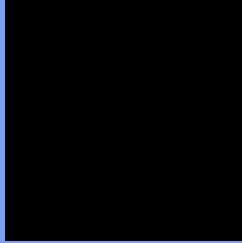
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

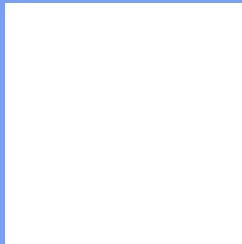
Any Text WCAG AAA ✓ Pass

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

Hex 789FF1 Background



This preview shows how black text looks on a background with the Hex color 789FF1.



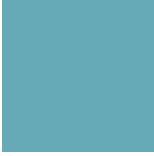
This preview shows how white text looks on a background with the Hex color 789FF1.

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](#).

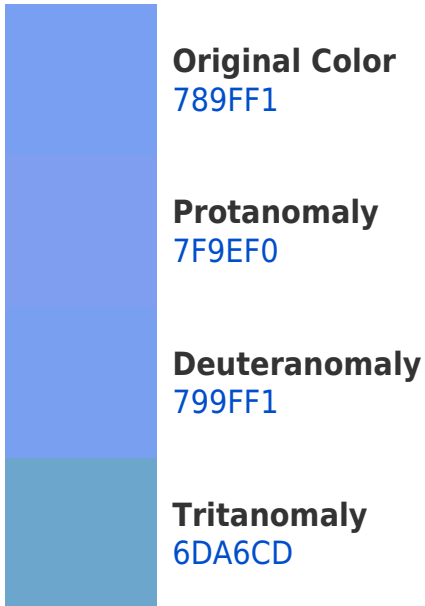
Dichromacy



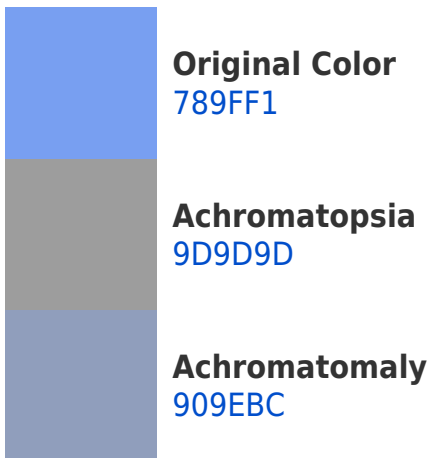


Tritanopia
66AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 789FF1 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 #789FF1 looks like.

```
.text, #text, p{  
    color:#789FF1  
}
```

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 #789FF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789FF1
}
```

Border

The CSS property to change the border of an element to Hex 789FF1 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
#789FF1 }
```

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

```
.border{ border-color:#789FF1 }
```

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

Here you see how a box with a 4 pixel #789FF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789FF1; -webkit-box-shadow:4px 4px  
4px 4px #789FF1; box-shadow:4px 4px 4px  
4px #789FF1 }
```

Background

The CSS property to change the background color of an element to Hex 789FF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789FF1 }
```

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

```
.background{ background-color:#789FF1 }
```

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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