

Converting Colors

Hex(7878F1)

Have a look what the booklet for
Hex(7878F1) contains.

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Color

Hex(7878F1)

Conversions

Conversions Part 1

Format	Color
Hex	7878F1
RGB	120, 120, 241
RGB Percent	47%, 47%, 95%
CMY	0.5294, 0.5294, 0.0549
CMYK	0.50, 0.50, 0.00, 0.05
HSL	240°, 81%, 71%
HSV	240°, 50%, 95%
XYZ	30.3394, 23.7769, 86.2094
YIQ	133.7940, -38.8410, 37.6310

Conversions

Conversions Part 2

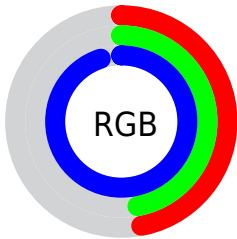
Format	Color
R _Y B	120, 120, 241
Decimal	7895281
CIE Lab	55.86, 31.95, -61.12
CIE LCh	56, 68.970, 297.600
Yxy	23.7769, 0.2162, 0.1694
Android (android.graphics.Color)	4286085361 (0xFF7878F1)
YUV	133.7940, 52.8526, -12.0973
Hunter-Lab	48.7615, 25.7298, -70.6904

Details

The Hex color **7878F1** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **F1F178**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B3ACFF**, and **3A48B8** is the 20% darker color. If you saturate the color by 10%, you get **6060F1**, and if you desaturate by 10%, it is **9090F1**.

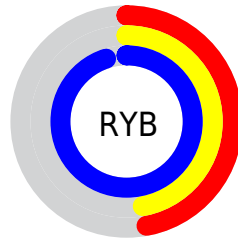
Distribution



Red (47%)

Green (47%)

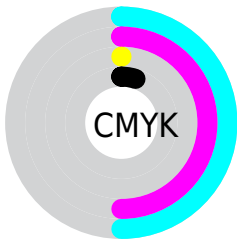
Blue (95%)



Red (47%)

Yellow (47%)

Blue (95%)

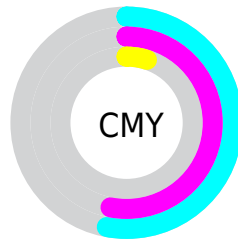


Cyan (50%)

Magenta (50%)

Yellow (0%)

Black (5%)



Cyan (53%)

Magenta (53%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7878F1 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 7878F1 by changing the saturation by 10% instead.

 7878F1

 7878F1

FFFFFF

 5A5FD4

 B3ACFF

 3A48B8

 D0C8FF

 0A319D


 EEE4FF

 001D82

 000968

 00004F

 000537

 000221

 000006

■ 7878F1

■ 7878F1

■ 6060F1

■ 9090F1

■ 4848F1

■ A8A8F1

■ 3030F1

■ C0C0F1

■ 1818F1

■ D8D8F1

■ 0000F1

■ F0F0F1

■ FFFFF1

Harmonies

Analogous

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



008FFE



7878F1



C85AC7

Triad

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



7878F1



D26919



00A07F

Complementary

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



7878F1



F1F178

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.



009C41



7878F1



A58200

Square

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



7878F1



EC4D52



6B9200



00A1BC

Rectangle

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



7878F1



E449A1



6B9200



009F6A

Sweetspot

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



7878F1



D9D9FF



78F1F1



696980



000000



808080

Same Dimension

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



7878F1



6666FF



B478F1



6C6C78



0000B8



000038

Inverse Universe

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



F178F1



FF66FF



B4F178



786C78



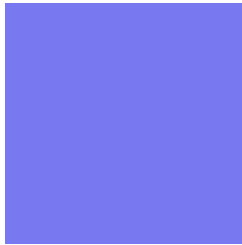
B800B8



380038

Previews

White Background



This preview shows how the Hex color 7878F1 looks on a white background.

Color Contrast Check

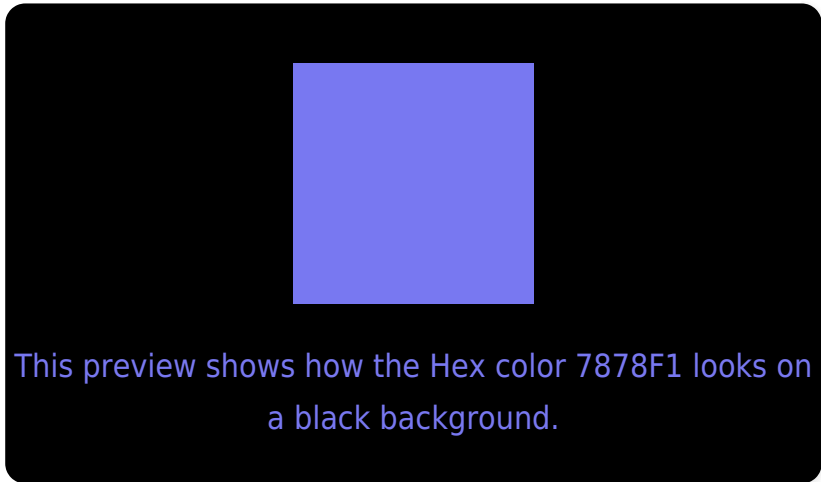
Large Text (above 18pt) WCAG AA ✓ Pass

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

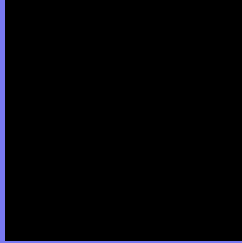
Any Text WCAG AA ✓ Pass

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 7878F1 Background



This preview shows how black text looks on a background with the Hex color 7878F1.

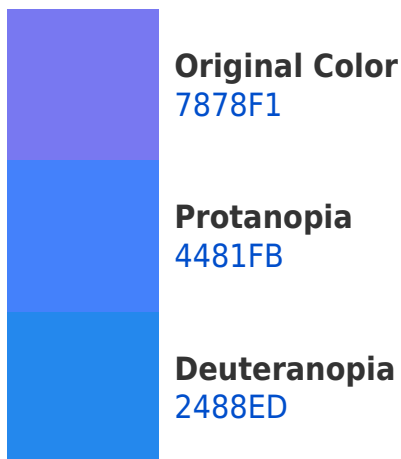



This preview shows how white text looks on a background with the Hex color 7878F1.

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](#).

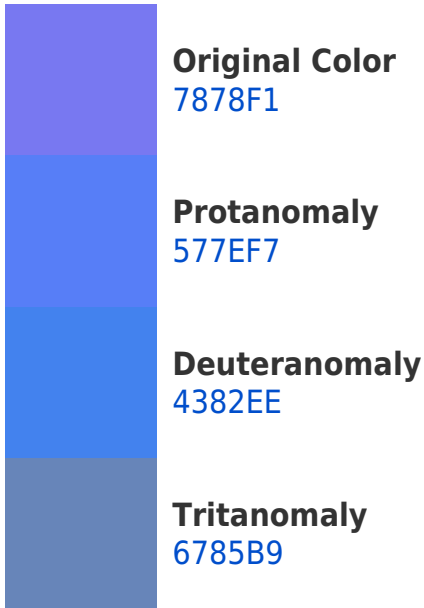
Dichromacy





Tritanopia
5D8D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7878F1 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 #7878F1 looks like.

```
.text, #text, p{  
    color:#7878F1  
}
```

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 #7878F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7878F1
}
```

Border

The CSS property to change the border of an element to Hex 7878F1 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
#7878F1 }
```

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

```
.border{ border-color:#7878F1 }
```

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

Here you see how a box with a 4 pixel #7878F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7878F1; -webkit-box-shadow:4px 4px  
4px 4px #7878F1; box-shadow:4px 4px 4px  
4px #7878F1 }
```

Background

The CSS property to change the background color of an element to Hex 7878F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7878F1 }
```

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

```
.background{ background-color:#7878F1 }
```

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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