

Converting Colors

Hex(78A7CF)

Have a look what the booklet for
Hex(78A7CF) contains.

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Color

Hex(78A7CF)

Conversions

Conversions Part 1

Format	Color
Hex	78A7CF
RGB	120, 167, 207
RGB Percent	47%, 65%, 81%
CMY	0.5294, 0.3451, 0.1882
CMYK	0.42, 0.19, 0.00, 0.19
HSL	208°, 48%, 64%
HSV	208°, 42%, 81%
XYZ	32.8269, 36.1355, 64.2762
YIQ	157.5070, -40.8520, 2.4760

Conversions

Conversions Part 2

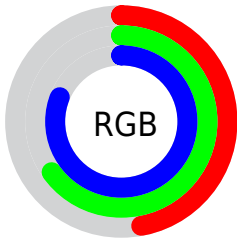
Format	Color
R _Y B	120, 151, 207
Decimal	7907279
CIE Lab	66.62, -5.33, -25.32
CIE LCh	67, 25.875, 258.115
Yxy	36.1355, 0.2464, 0.2712
Android (android.graphics.Color)	4286097359 (0xFF78A7CF)
YUV	157.5070, 24.4000, -32.8936
Hunter-Lab	60.1128, -7.7206, -21.3174

Details

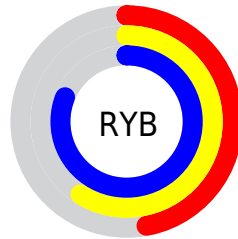
The Hex color **78A7CF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CFA078**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **AFDEFF**, and **427399** is the 20% darker color. If you saturate the color by 10%, you get **639DCF**, and if you desaturate by 10%, it is **8DB1CF**.

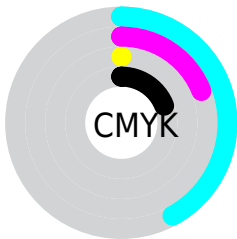
Distribution



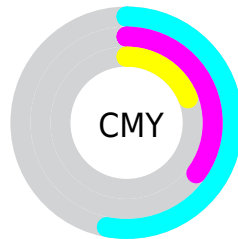
- Red (47%)
- Green (65%)
- Blue (81%)



- Red (47%)
- Yellow (59%)
- Blue (81%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78A7CF 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 78A7CF by changing the saturation by 10% instead.

 78A7CF

 78A7CF

FFFFFF

 5D8DB3

 AFDEFF

 427399

 CCFBFF

 255B7E

 E9FFFF

 004365

 002D4D

 001936

 000221

 000005

 000000

 78A7CF

 78A7CF

 639DCF

 8DB1CF

 4F94CF


 A1BACF

 3A8ACF

 B6C4CF

 2581CF

 CBCDCF

 1177CF

 DFD7CF

 0070CF

 F4E0CF

 FFEACF

 FFF3CF

 FFFDCF

Harmonies

Analogous

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



60ACC4



78A7CF



999FCE

Triad

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



78A7CF



D19195



8AAB82

Complementary

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



78A7CF



CFA078

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.



A4A576



78A7CF



CC9680

Square

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



78A7CF



CA92AC



BB9D75



70AE98

Rectangle

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



78A7CF



AE9AC7



BB9D75



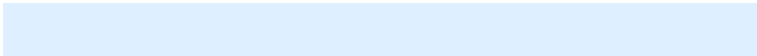
93A97D

Sweetspot

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



78A7CF



DEF0FF



78CF9F



6B7680



000000



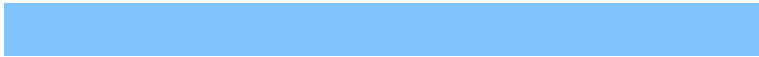
808080

Same Dimension

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



78A7CF



80C4FF



787CCF



5E6469



005BA8



001629

Inverse Universe

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



CF78A7



FF80C4



CFCB78



695E64



A8005B



290016

Previews

White Background



This preview shows how the Hex color 78A7CF looks on a white background.

Color Contrast Check

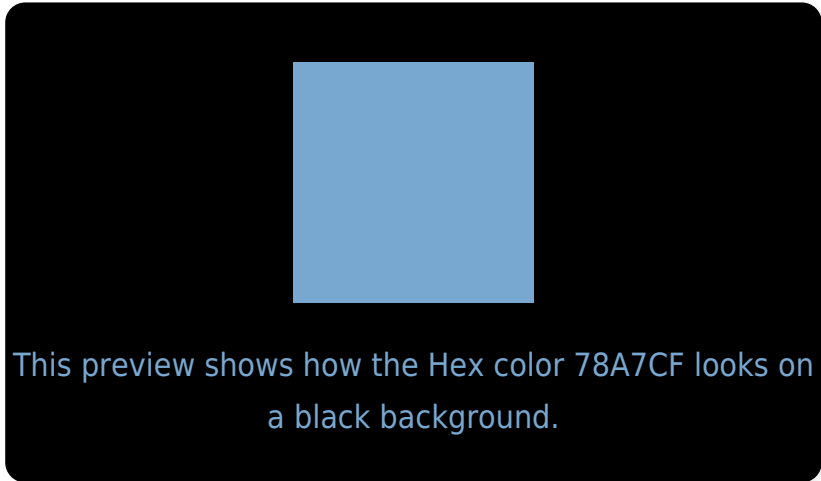
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

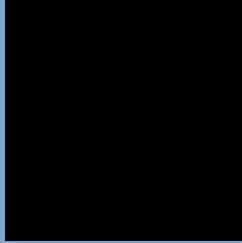
Any Text WCAG AA ✓ Pass

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 78A7CF Background



This preview shows how black text looks on a background with the Hex color 78A7CF.

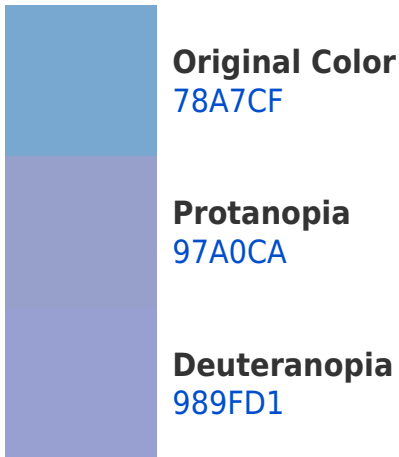


This preview shows how white text looks on a background with the Hex color 78A7CF.

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](#).

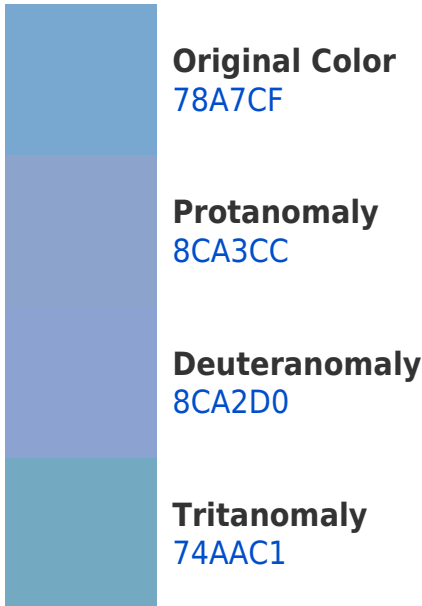
Dichromacy



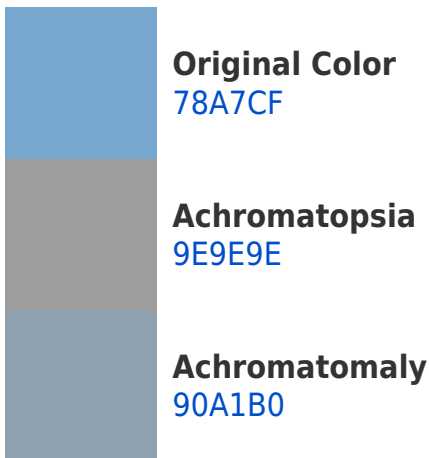


Tritanopia
72ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78A7CF 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 #78A7CF looks like.

```
.text, #text, p{  
    color:#78A7CF  
}
```

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 #78A7CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A7CF
}
```

Border

The CSS property to change the border of an element to Hex 78A7CF 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
#78A7CF }
```

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

```
.border{ border-color:#78A7CF }
```

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

Here you see how a box with a 4 pixel #78A7CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A7CF; -webkit-box-shadow:4px 4px  
4px 4px #78A7CF; box-shadow:4px 4px 4px  
4px #78A7CF }
```

Background

The CSS property to change the background color of an element to Hex 78A7CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A7CF }
```

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

```
.background{ background-color:#78A7CF }
```

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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