

Converting Colors

Hex(788FCE)

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

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Color

Hex(788FCE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 788FCE |
| RGB | 120, 143, 206 |
| RGB Percent | 47%, 56%, 81% |
| CMY | 0.5294, 0.4392, 0.1922 |
| CMYK | 0.42, 0.31, 0.00, 0.19 |
| HSL | 224°, 47%, 64% |
| HSV | 224°, 42%, 81% |
| XYZ | 28.7088, 28.0942, 62.3021 |
| YIQ | 143.3050, -33.9310, 14.7170 |

Conversions

Conversions Part 2

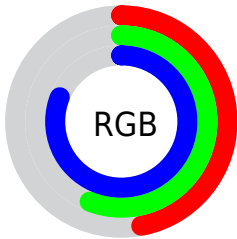
| Format | Color |
|-------------------------------------|---|
| RYB | 120, 138, 206 |
| Decimal | 7901134 |
| CIELab | 59.97, 8.00, -35.05 |
| CIElCh | 60, 35.952, 282.862 |
| Yxy | 28.0942, 0.2410, 0.2359 |
| Android (android.graphics.Color) | 4286091214 (0xFF788FCE) |
| YUV | 143.3050, 30.9086, -20.4385 |
| Hunter-Lab | 53.0040, 3.9247, -32.5881 |

Details

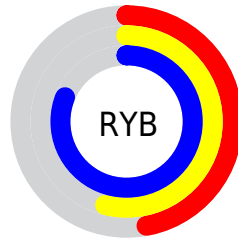
The Hex color **788FCE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CEB778**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **AFC5FF**, and **425D97** is the 20% darker color. If you saturate the color by 10%, you get **6380CE**, and if you desaturate by 10%, it is **8D9ECE**.

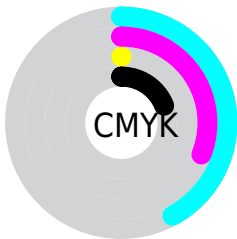
Distribution



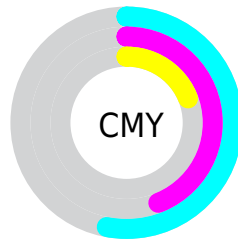
- Red (47%)
- Green (56%)
- Blue (81%)



- Red (47%)
- Yellow (54%)
- Blue (81%)



- Cyan (42%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 788FCE

 788FCE

FFFFFF

 5D76B2

 AFC5FF

 425D97

 CCE0FF

 25467D


 E9FDFD

 003064

 001B4C

 000035

 00021F

 000001

 000000

■ 788FCE

■ 788FCE

■ 6380CE

■ 8D9ECE

■ 4F71CE

■ A1ADCE

■ 3A62CE

■ B6BCCE

■ 2653CE

■ CACBCE

■ 1144CE

■ DFDACE

■ 0037CE

■ F4EACE

■ FFF9CE

■ FFFFCE

Harmonies

Analogous

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



3C99CC



788FCE



A583BF

Triad

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



788FCE



C87E67



4BA07D

Complementary

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



788FCE



CEB778

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.



749B61



788FCE



B48854

Square

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



788FCE



CE7884



979352



07A19E

Rectangle

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



788FCE



BB7CAE



979352



5A9F73

Sweetspot

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



788FCE



DEE7FF



78CEB6



6B7180



000000



808080

Same Dimension

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



788FCE



80A2FF



8B78CE



5C5F66



002CA6



000A26

Inverse Universe

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



CE788F



FF80A2



BBCE78



665C5F



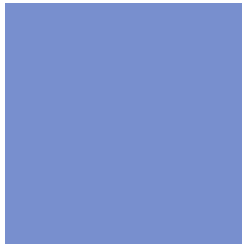
A6002C



26000A

Previews

White Background



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

Color Contrast Check

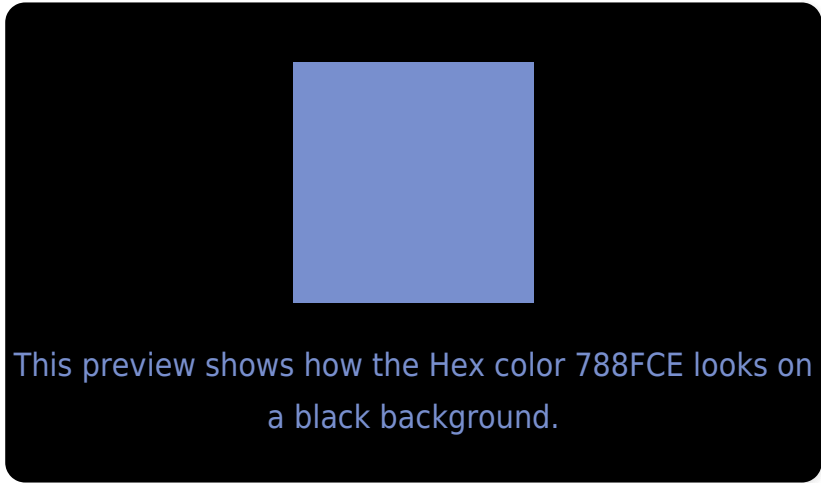
Large Text (above 18pt) WCAG AA ✓ Pass

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

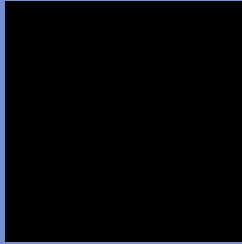
Any Text WCAG AA ✓ Pass

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 788FCE Background



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

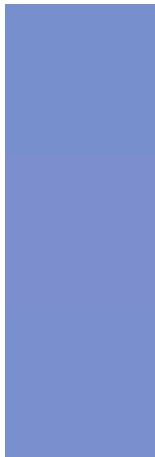


This preview shows how white text looks on a background with the Hex color 788FCE.

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
788FCE

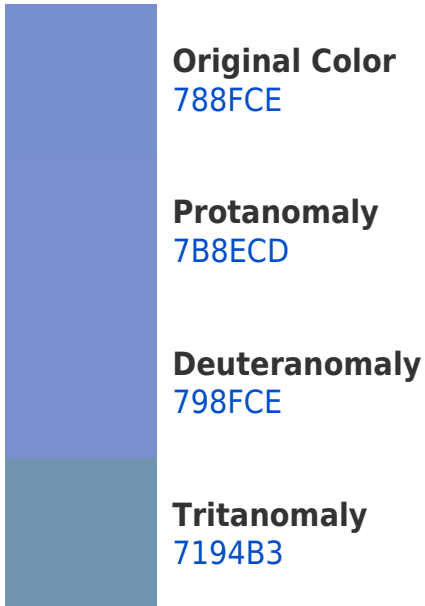
Protanopia
7C8ECD

Deuteranopia
798FCE

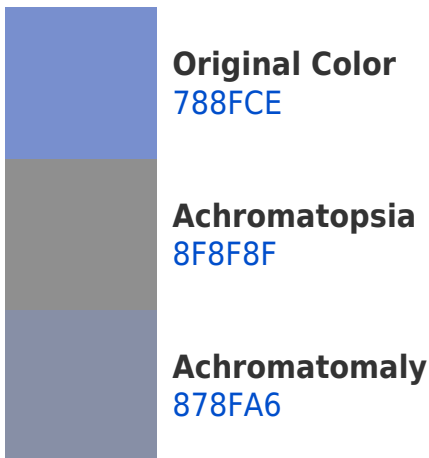


Tritanopia
6D97A3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #788FCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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