

Converting Colors

Hex(4C8FAE)

Have a look what the booklet for
Hex(4C8FAE) contains.

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Color

Hex(4C8FAE)

Conversions

Conversions Part 1

Format	Color
Hex	4C8FAE
RGB	76, 143, 174
RGB Percent	30%, 56%, 68%
CMY	0.7020, 0.4392, 0.3176
CMYK	0.56, 0.18, 0.00, 0.32
HSL	199°, 39%, 49%
HSV	199°, 56%, 68%
XYZ	20.4429, 24.2374, 43.6452
YIQ	126.5010, -49.8830, -4.5630

Conversions

Conversions Part 2

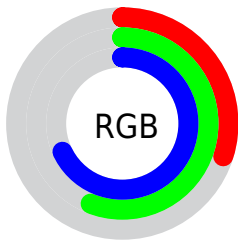
Format	Color
R _Y B	76, 116, 174
Decimal	5017518
CIE Lab	56.32, -12.17, -22.77
CIE LCh	56, 25.816, 241.874
Yxy	24.2374, 0.2314, 0.2744
Android (android.graphics.Color)	4283207598 (0xFF4C8FAE)
YUV	126.5010, 23.4170, -44.2894
Hunter-Lab	49.2315, -12.0346, -18.1003

Details

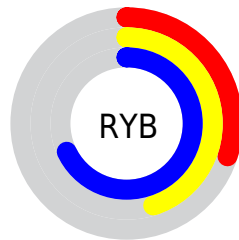
The Hex color **4C8FAE** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AE6B4C**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **84C5E6**, and **015D79** is the 20% darker color. If you saturate the color by 10%, you get **3B89AE**, and if you desaturate by 10%, it is **5D95AE**.

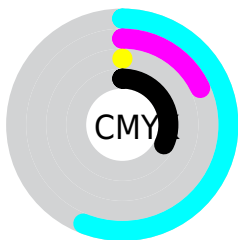
Distribution



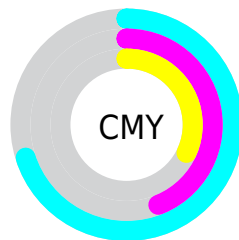
- Red (30%)
- Green (56%)
- Blue (68%)



- Red (30%)
- Yellow (45%)
- Blue (68%)



- Cyan (56%)
- Magenta (18%)
- Yellow (0%)
- Black (32%)



- Cyan (70%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C8FAE 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 4C8FAE by changing the saturation by 10% instead.

■ 4C8FAE

■ 4C8FAE

FFFFFF

■ 2E7593

■ 84C5E6

■ 015D79

■ A0E1FF

■ 004561

■ BDFDFF

■ 002F49

■ DAFFFF

■ 001B32

■ F7FFFF

■ 00021D

■ 000000

■ 4C8FAE

■ 4C8FAE

■ 3B89AE

■ 5D95AE

■ 2984AE

■ 6F9AAE

■ 187EAE

■ 80A0AE

■ 0679AE

■ 92A5AE

■ 0077AE

■ A3ABAE

■ B4B0AE

■ C6B6AE

■ D7BBAE

■ E9C1AE

Harmonies

Analogous

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



3E939E



4C8FAE



6C89B4

Triad

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



4C8FAE



B27686



7D8D60

Complementary

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



4C8FAE



AE6B4C

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.



95865A



4C8FAE



B37870

Square

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



4C8FAE



A57A9D



A87E60



639171

Rectangle

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



4C8FAE



8283B1



A87E60



868B5D

Sweetspot

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



4C8FAE



BCD7E3



4CAE69



5C6B73



F2F2F2



737373

Same Dimension

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



4C8FAE



49B2E3



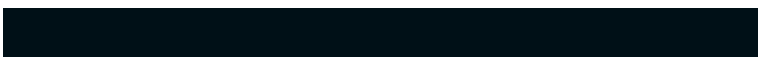
4C60AE



4E5457



006796



001017

Inverse Universe

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



AE4C8F



E349B2



AE9A4C



574E54



960067



170010

Previews

White Background



This preview shows how the Hex color 4C8FAE looks on a white background.

Color Contrast Check

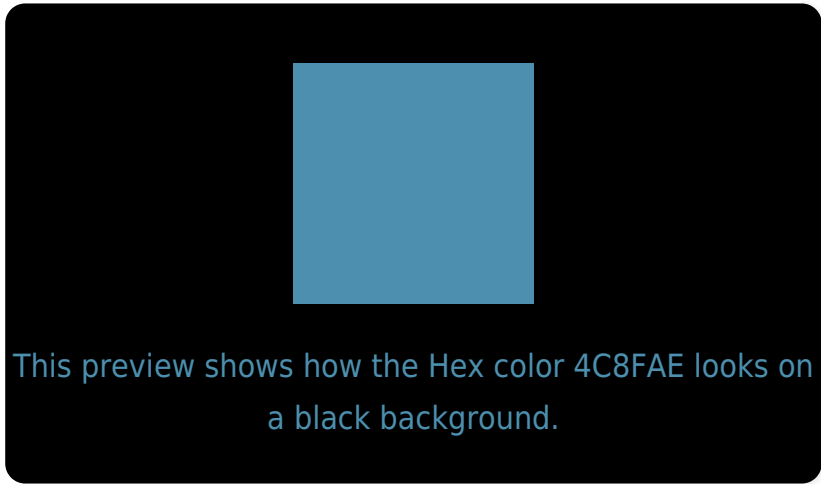
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C8FAE Background



This preview shows how black text looks on a background with the Hex color 4C8FAE.

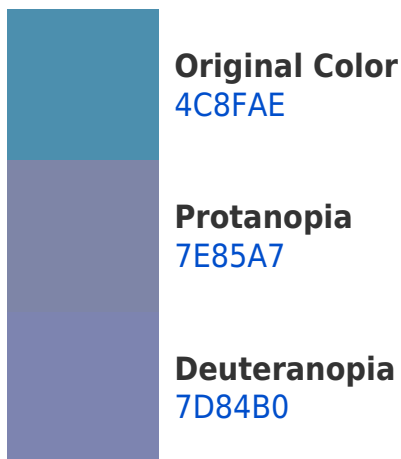


This preview shows how white text looks on a background with the Hex color 4C8FAE.

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](#).

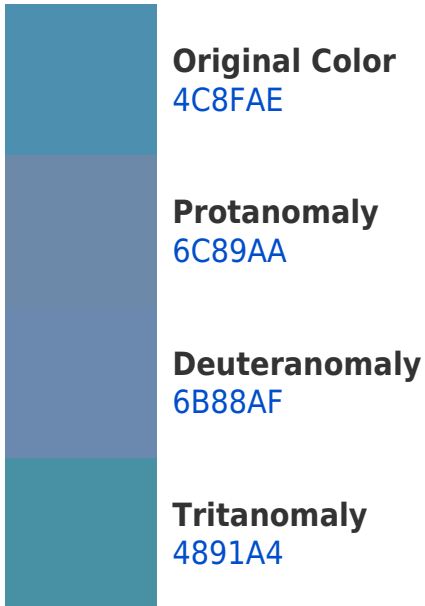
Dichromacy



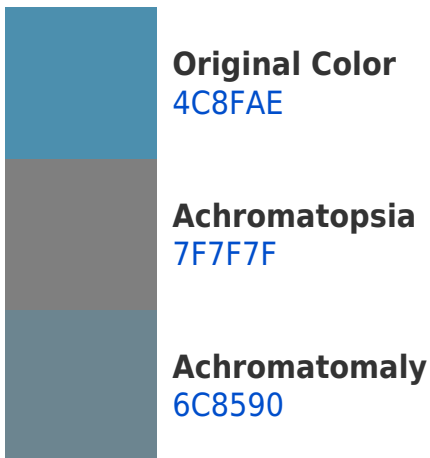


Tritanopia
46929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C8FAE 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 #4C8FAE looks like.

```
.text, #text, p{  
    color:#4C8FAE  
}
```

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 #4C8FAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8FAE
}
```

Border

The CSS property to change the border of an element to Hex 4C8FAE 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
#4C8FAE }
```

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

```
.border{ border-color:#4C8FAE }
```

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

Here you see how a box with a 4 pixel #4C8FAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8FAE; -webkit-box-shadow:4px 4px  
4px 4px #4C8FAE; box-shadow:4px 4px 4px  
4px #4C8FAE }
```

Background

The CSS property to change the background color of an element to Hex 4C8FAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8FAE }
```

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

```
.background{ background-color:#4C8FAE }
```

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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