

Converting Colors

Hex(7CAFEA)

Have a look what the booklet for
Hex(7CAFEA) contains.

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Color

Hex(7CAFEA)

Conversions

Conversions Part 1

Format	Color
Hex	7CAFEA
RGB	124, 175, 234
RGB Percent	49%, 69%, 92%
CMY	0.5137, 0.3137, 0.0824
CMYK	0.47, 0.25, 0.00, 0.08
HSL	212°, 72%, 70%
HSV	212°, 47%, 92%
XYZ	38.4934, 40.8855, 83.7048
YIQ	166.4770, -49.3350, 7.5370

Conversions

Conversions Part 2

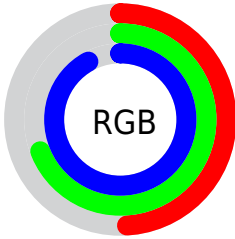
Format	Color
RYB	124, 159, 234
Decimal	8171498
CIELab	70.10, -1.17, -34.77
CIElCh	70, 34.794, 268.070
Yxy	40.8855, 0.2360, 0.2507
Android (android.graphics.Color)	4286361578 (0xFF7CAFEA)
YUV	166.4770, 33.2888, -37.2523
Hunter-Lab	63.9418, -4.4398, -32.8559

Details

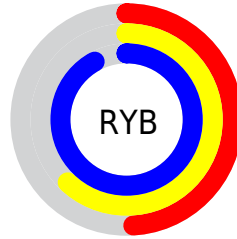
The Hex color **7CAFEA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EAB77C**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B5E6FF**, and **427BB2** is the 20% darker color. If you saturate the color by 10%, you get **65A2EA**, and if you desaturate by 10%, it is **93BCEA**.

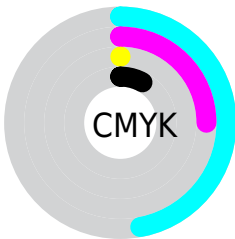
Distribution



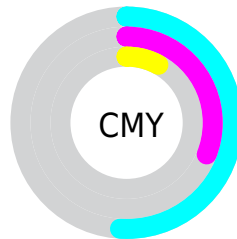
- Red (49%)
- Green (69%)
- Blue (92%)



- Red (49%)
- Yellow (62%)
- Blue (92%)



- Cyan (47%)
- Magenta (25%)
- Yellow (0%)
- Black (8%)



- Cyan (51%)
- Magenta (31%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CAFEA 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 7CAFEA by changing the saturation by 10% instead.

 7CAFEA

 7CAFEA

FFFFFF

 6094CE

 B5E6FF

 427BB2

 D2FFFF

 216297

 F0FFFF

 004A7D

 003464

 001F4B

 000535

 00021F

 000001

 7CAFEA

 7CAFEA

 65A2EA

 93BCEA

 4D96EA

 ABC8EA

 3689EA

 C2D5EA

 1E7DEA

 DAE1EA

 0770EA

 F1EEEA

 006CEA

 FFFAEA

 FFFFEA

Harmonies

Analogous

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



4BB7E0



7CAFEA



ACA4E3

Triad

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



7CAFEA



E9958F



7DB989

Complementary

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



7CAFEA



EAB77C

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.



A2B273



7CAFEA



DC9E77

Square

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



7CAFEA



E693AF



C3A96C



56BCA8

Rectangle

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



7CAFEA



C79CD6



C3A96C



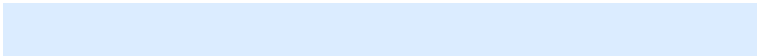
89B780

Sweetspot

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



7CAFEA



DBECFF



7CEAB7



6A7480



000000



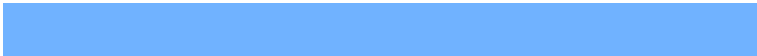
808080

Same Dimension

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



7CAFEA



70B2FF



807CEA



6A6F75



0054B5



001936

Inverse Universe

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



EA7CAF



FF70B2



E6EA7C



756A6F



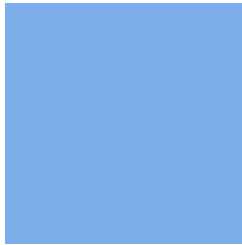
B50054



360019

Previews

White Background



This preview shows how the Hex color 7CAFEA looks on a white background.

Color Contrast Check

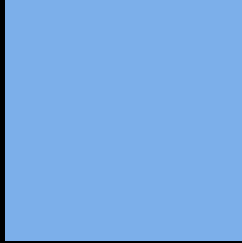
Large Text (above 18pt) WCAG AA × Fail

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 7CAFEA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

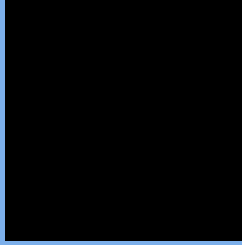
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

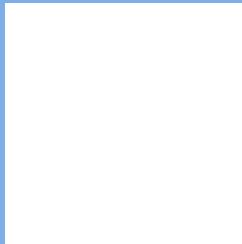
Any Text WCAG AAA ✓ Pass

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

Hex 7CAFEA Background



This preview shows how black text looks on a background with the Hex color 7CAFEA.

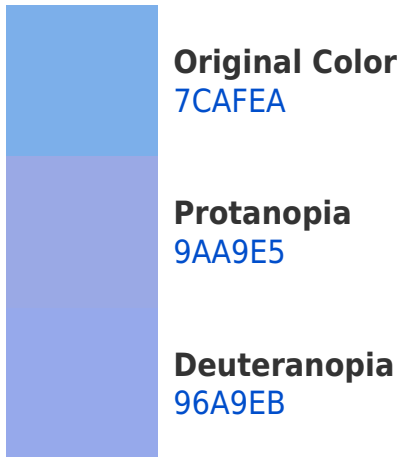


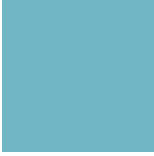
This preview shows how white text looks on a background with the Hex color 7CAFEA.

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](#).

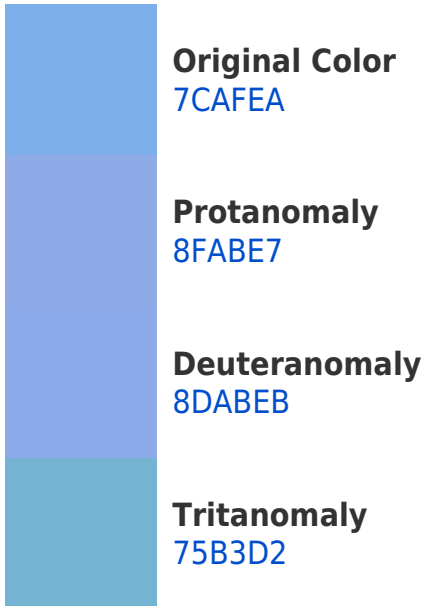
Dichromacy



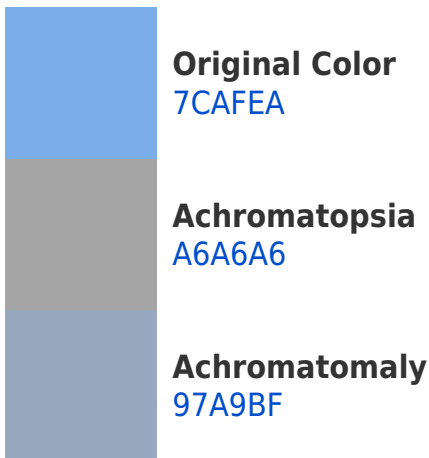


Tritanopia
71B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CAFEA 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 #7CAFEA looks like.

```
.text, #text, p{  
    color:#7CAFEA  
}
```

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 #7CAFEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CAFEA
}
```

Border

The CSS property to change the border of an element to Hex 7CAFEA 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
#7CAFEA }
```

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

```
.border{ border-color:#7CAFEA }
```

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

Here you see how a box with a 4 pixel #7CAFEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CAFEA; -webkit-box-shadow:4px 4px  
4px 4px #7CAFEA; box-shadow:4px 4px 4px  
4px #7CAFEA }
```

Background

The CSS property to change the background color of an element to Hex 7CAFEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CAFEA }
```

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

```
.background{ background-color:#7CAFEA }
```

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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