

Converting Colors

Hex(78CADC)

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

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Color

Hex(78CADC)

Conversions

Conversions Part 1

Format	Color
Hex	78CADC
RGB	120, 202, 220
RGB Percent	47%, 79%, 86%
CMY	0.5294, 0.2078, 0.1373
CMYK	0.45, 0.08, 0.00, 0.14
HSL	191°, 59%, 67%
HSV	191°, 45%, 86%
XYZ	41.7845, 51.4014, 75.4293
YIQ	179.5340, -54.6500, -11.7860

Conversions

Conversions Part 2

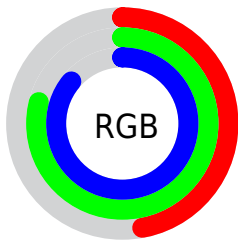
Format	Color
R _{YB}	120, 165, 220
Decimal	7916252
CIE Lab	76.92, -20.34, -16.76
CIE LCh	77, 26.352, 219.485
Yxy	51.4014, 0.2478, 0.3048
Android (android.graphics.Color)	4286106332 (0xFF78CADC)
YUV	179.5340, 19.9497, -52.2113
Hunter-Lab	71.6948, -21.4341, -12.1920

Details

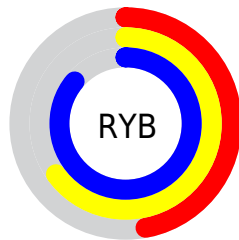
The Hex color **78CADC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DC8A78**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **B1FFFF**, and **3E94A5** is the 20% darker color. If you saturate the color by 10%, you get **62C6DC**, and if you desaturate by 10%, it is **8ECEDC**.

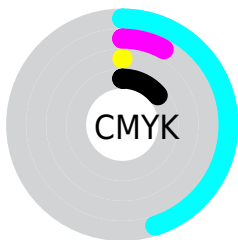
Distribution



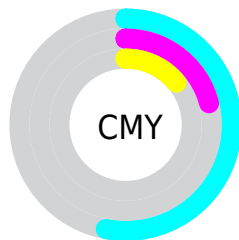
- Red (47%)
- Green (79%)
- Blue (86%)



- Red (47%)
- Yellow (65%)
- Blue (86%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (53%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 78CADC

 78CADC

FFFFFF

 5BAFC0

 B1FFFF

 3E94A5

 CEFFFF

 1A7A8B

 ECFFFF

 006171

 004959

 003241

 001E2B

 000117

 000000

 78CADC

 78CADC

 62C6DC

 8ECEDC

 4CC2DC

 A4D2DC

 36BEDC

 BAD6DC

 20BADC

 D0DADC

 0AB6DC

 E6DEDC

 00B4DC

 FCE2DC

 FFE6DC

 FFEADC

 FFEEDC

Harmonies

Analogous

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



7CCCC5



78CADC



8BC5EB

Triad

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



78CADC



E4AED0



C8BF8E

Complementary

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



78CADC



DC8A78

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.



DFB791



78CADC



EFACB7

Square

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



78CADC



CCB5E4



EDB0A0



ADC698

Rectangle

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



78CADC



A0C0EE



EDB0A0



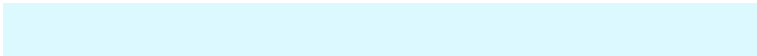
D0BC8D

Sweetspot

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



78CADC



DBF9FF



78DC89



6A7C80



000000



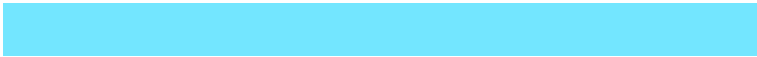
808080

Same Dimension

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



78CADC



73E6FF



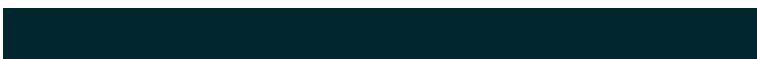
7899DC



636C6E



008EAD



00262E

Inverse Universe

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



DC78CA



FF73E6



DCBB78



6E636C



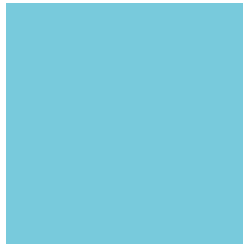
AD008E



2E0026

Previews

White Background



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

Color Contrast Check

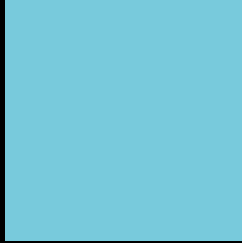
Large Text (above 18pt) WCAG AA × Fail

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 78CADDC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

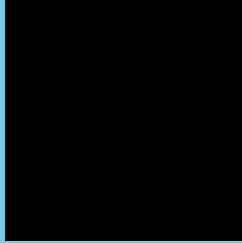
Any Text WCAG AA ✓ Pass

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 78CADC Background



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

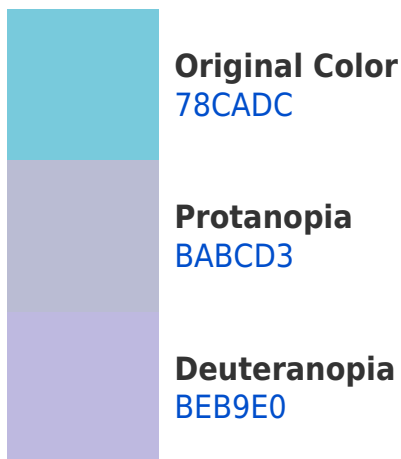


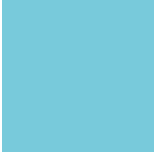
This preview shows how white text looks on a background with the Hex color 78CADC.

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](#).

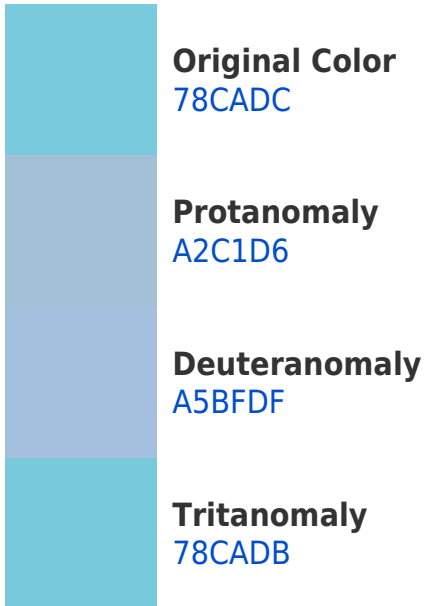
Dichromacy





Tritanopia
78CADB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78CAD9 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 #78CAD9 looks like.

```
.text, #text, p{  
    color:#78CAD9  
}
```

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 #78CADC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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