

Converting Colors

Hex(78ACCA)

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

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Color

Hex(78ACCA)

Conversions

Conversions Part 1

Format	Color
Hex	78ACCA
RGB	120, 172, 202
RGB Percent	47%, 67%, 79%
CMY	0.5294, 0.3255, 0.2078
CMYK	0.41, 0.15, 0.00, 0.21
HSL	202°, 44%, 63%
HSV	202°, 41%, 79%
XYZ	33.1589, 37.7624, 61.4183
YIQ	159.8720, -40.6220, -1.6940

Conversions

Conversions Part 2

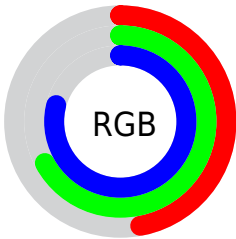
Format	Color
RYB	120, 152, 202
Decimal	7908554
CIELab	67.85, -9.42, -20.69
CIELCh	68, 22.732, 245.528
Yxy	37.7624, 0.2506, 0.2853
Android (android.graphics.Color)	4286098634 (0xFF78ACCA)
YUV	159.8720, 20.7691, -34.9677
Hunter-Lab	61.4511, -11.2211, -16.2426

Details

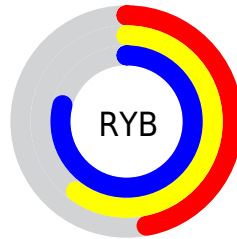
The Hex color **78ACCA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CA9678**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **AFE3FF**, and **427894** is the 20% darker color. If you saturate the color by 10%, you get **64A5CA**, and if you desaturate by 10%, it is **8CB3CA**.

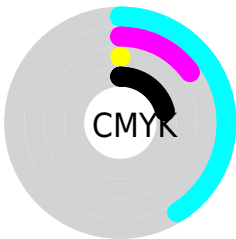
Distribution



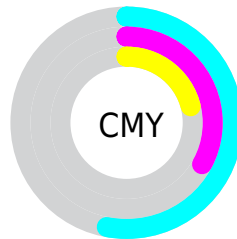
- Red (47%)
- Green (67%)
- Blue (79%)



- Red (47%)
- Yellow (60%)
- Blue (79%)



- Cyan (41%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)



- Cyan (53%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

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

 78ACCA

 78ACCA

FFFFFF

 5D91AF

 AFE3FF

 427894

 CCFFFF

 265F7A

 E8FFFF

 004761

 003149

 001C33

 00021E

 000000

 78ACCA

 78ACCA

64A5CA

8CB3CA

509DCA

A0BBCA

3B96CA

B5C2CA

278ECA

C9CACA

1387CA

DDD1CA

0080CA

F1D8CA

FFE0CA

FFE7CA

FFEFC A

Harmonies

Analogous

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



6BB0BC



78ACCA



92A6CE

Triad

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



78ACCA



CE97A2



9AAB84

Complementary

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



78ACCA



CA9678

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.



B1A57D



78ACCA



CE998E

Square

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



78ACCA



C399B7



C39E81



83AF94

Rectangle

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



78ACCA



A5A1CA



C39E81



A2A980

Sweetspot

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



78ACCA



E0F4FF



78CA95



6E7980



000000



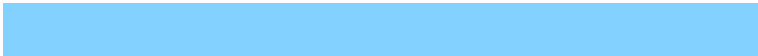
808080

Same Dimension

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



78ACCA



82D1FF



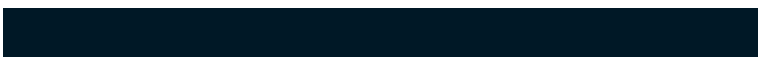
7884CA



5C6266



0069A6



001826

Inverse Universe

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



CA78AC



FF82D1



CABE78



665C62



A60069



260018

Previews

White Background



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

Color Contrast Check

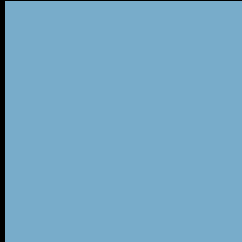
Large Text (above 18pt) WCAG AA × Fail

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 78ACCA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

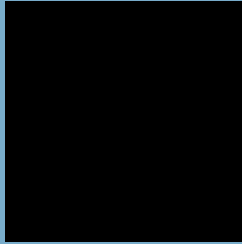
Any Text WCAG AA ✓ Pass

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 78ACCA Background



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

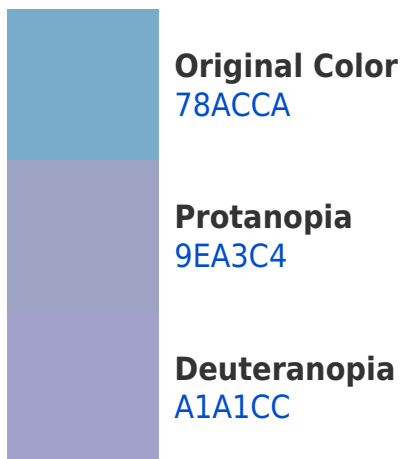


This preview shows how white text looks on a background with the Hex color 78ACCA.

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](#).

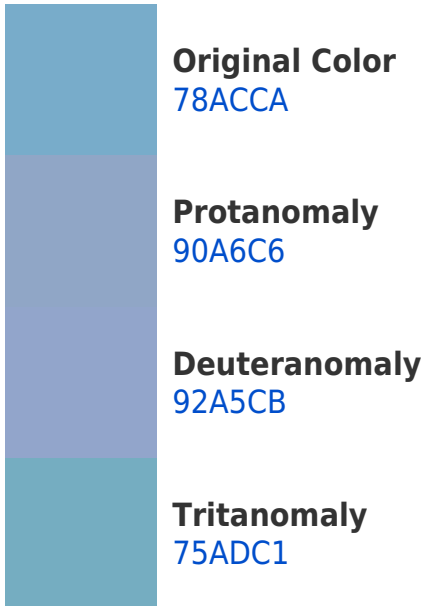
Dichromacy



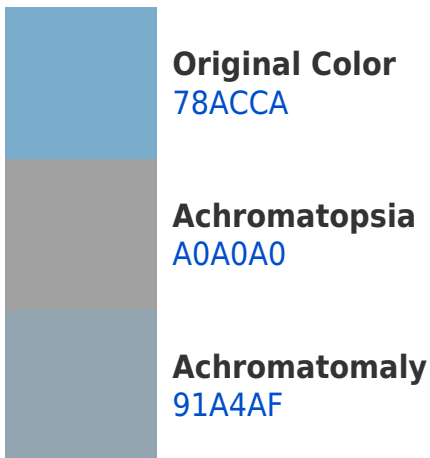


Tritanopia
74AEBC

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #78ACCA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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