

# Converting Colors

Hex(79EACC)

Have a look what the booklet for  
Hex(79EACC) contains.

<b>Hex(79EACC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(79EACC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79EACC
RGB	121, 234, 204
RGB Percent	47%, 92%, 80%
CMY	0.5255, 0.0824, 0.2000
CMYK	0.48, 0.00, 0.13, 0.08
HSL	164°, 73%, 70%
HSV	164°, 48%, 92%
XYZ	48.2071, 67.2702, 67.5704
YIQ	196.7930, -57.7180, -33.2860

# Conversions

## Conversions Part 2

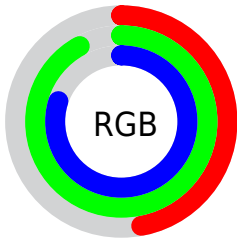
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 186, 234
Decimal	7989964
CIELab	85.64, -39.36, 4.65
CIElCh	86, 39.634, 173.265
Yxy	67.2702, 0.2634, 0.3675
Android (android.graphics.Color)	4286180044 (0xFF79EACC)
YUV	196.7930, 3.5531, -66.4705
Hunter-Lab	82.0184, -38.6173, 8.5672

# Details

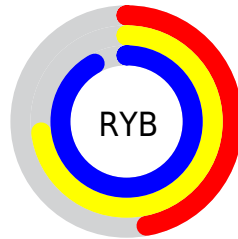
The Hex color **79EACC** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EA7997**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **B3FFFF**, and **3CB296** is the 20% darker color. If you saturate the color by 10%, you get **62EAC6**, and if you desaturate by 10%, it is **90EAD2**.

# Distribution



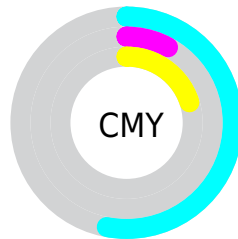
- Red (47%)
- Green (92%)
- Blue (80%)



- Red (47%)
- Yellow (73%)
- Blue (92%)



- Cyan (48%)
- Magenta (0%)
- Yellow (13%)
- Black (8%)



- Cyan (53%)
- Magenta (8%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79EACC 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 79EACC by changing the saturation by 10% instead.



 79EACC

 79EACC

FFFFFF

 5BCDB1

 B3FFFF

 3CB296

 D1FFFF

 12977C

 EFFFFFF

 007C63

 00634B

 004A35

 003220

 001C08

 000000

 79EACC

 79EACC

 62EAC6

 90EAD2

 4AEAC0

 A8EAD8

 33EAB9

 BFEADF

 1BEAB3

 D7EAE5

 04EAAD

 EEEAEB

 00EAAC

 FFEAF1

 FFEAF7

 FFEAFE

 FFEAFF

# Harmonies

## Analogous

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



A6E5A8



79EACC



55EAF2

# Triad

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



79EACC



CFCFFF



FFC49B

# Complementary

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



79EACC



EA7997

# 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.



FFBBBA



79EACC



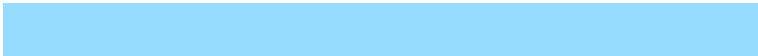
FEC2FF

# Square

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



79EACC



95DCFF



FFBAE0



F7D18C

# Rectangle

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



79EACC



56E8FF



FFBAE0



FFC0A4

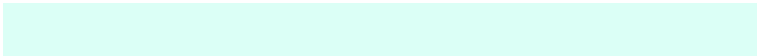


# Sweetspot

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



79EACC



DBFFF6



97EA79



6A807A



000000



808080



# Same Dimension

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



79EACC



6BFFD8



79D0EA



6A7572



00B585



003627



# Inverse Universe

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



EA7997



FF6B92



EA9379



756A6D



B50030

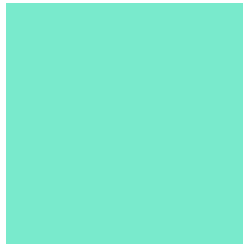


36000E



# Previews

## White Background



This preview shows how the Hex color 79EACC looks on a white background.

## Color Contrast Check

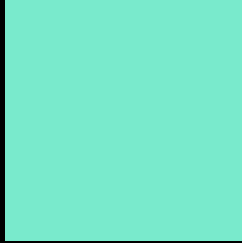
Large Text (above 18pt) WCAG AA × Fail

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 79EACC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

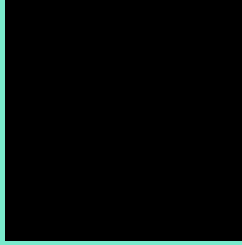
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79EACC Background



This preview shows how black text looks on a background with the Hex color 79EACC.

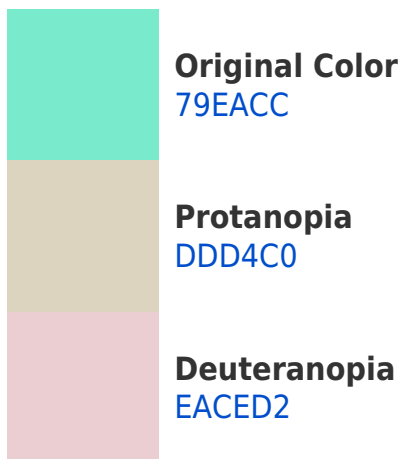


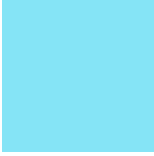
This preview shows how white text looks on a background with the Hex color 79EACC.

# 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**  
85E4F6

# Trichromacy



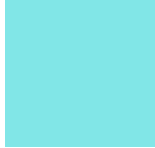
**Original Color**  
79EACC



**Protanomaly**  
B9DCC4



**Deuteranomaly**  
C1D8D0

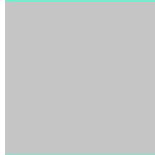


**Tritanomaly**  
81E6E7

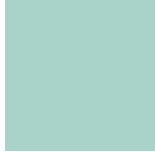
# Monochromacy



**Original Color**  
79EACC



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
A9D2C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79EACC 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 #79EACC looks like.

```
.text, #text, p{  
    color:#79EACC  
}
```

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 #79EACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79EACC
}
```

## Border

The CSS property to change the border of an element to Hex 79EACC 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
#79EACC }
```

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

```
.border{ border-color:#79EACC }
```

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

Here you see how a box with a 4 pixel #79EACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79EACC; -webkit-box-shadow:4px 4px  
4px 4px #79EACC; box-shadow:4px 4px 4px  
4px #79EACC }
```

# Background

The CSS property to change the background color of an element to Hex 79EACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79EACC }
```

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

```
.background{ background-color:#79EACC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor