

# Converting Colors

Hex(79E4B3)

Have a look what the booklet for  
Hex(79E4B3) contains.

<b>Hex(79E4B3)</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(79E4B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79E4B3
RGB	121, 228, 179
RGB Percent	47%, 89%, 70%
CMY	0.5255, 0.1059, 0.2980
CMYK	0.47, 0.00, 0.21, 0.11
HSL	153°, 66%, 68%
HSV	153°, 47%, 89%
XYZ	43.7652, 62.8064, 52.4640
YIQ	190.4210, -48.0430, -37.9230

# Conversions

## Conversions Part 2

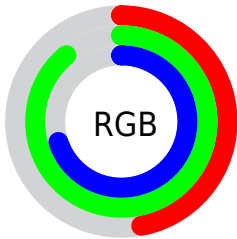
Format	Color
<a href="#">RYB</a>	<a href="#">121, 190, 228</a>
Decimal	<a href="#">7988403</a>
CIELab	<a href="#">83.34, -42.09, 14.48</a>
CIELCh	<a href="#">83, 44.513, 161.013</a>
Yxy	<a href="#">62.8064, 0.2752, 0.3949</a>
Android (android.graphics.Color)	<a href="#">4286178483 (0xFF79E4B3)</a>
YUV	<a href="#">190.4210, -5.6306, -60.8822</a>
Hunter-Lab	<a href="#">79.2505, -40.1137, 16.2252</a>

# Details

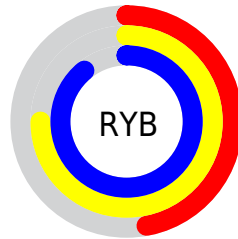
The Hex color **79E4B3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E479AA**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B2FFEB**, and **3EAC7E** is the 20% darker color. If you saturate the color by 10%, you get **62E4A9**, and if you desaturate by 10%, it is **90E4BD**.

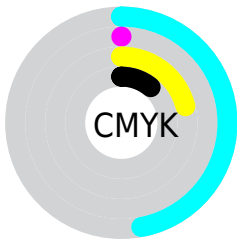
# Distribution



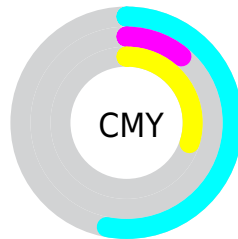
- Red (47%)
- Green (89%)
- Blue (70%)



- Red (47%)
- Yellow (75%)
- Blue (89%)



- Cyan (47%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)



- Cyan (53%)
- Magenta (11%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79E4B3 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 79E4B3 by changing the saturation by 10% instead.



 79E4B3

FFFFFF

 B2FFEB

 D0FFFF

 EDFFFF

 79E4B3

 5CC898

 3EAC7E

 1A9165

 00774D

 005D36

 004520

 002E0B

 001400

 000000

 79E4B3

 79E4B3

 62E4A9

 90E4BD

 4BE49E

 A7E4C8

 35E494

 BDE4D2

 1EE489

 D4E4DD

 07E47F

 EBE4E7

 00E47C

 FFE4F2

 FFE4FC

 FFE4FF

# Harmonies

## Analogous

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



AEDD8F



79E4B3



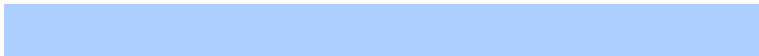
39E6DE

# Triad

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



79E4B3



ACCFF



FFB69B

# Complementary

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



79E4B3



E479AA

# 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.



FFAFC2



79E4B3



E8BFFF

# Square

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



79E4B3



61DBFF



FFB3EC



FFC481

# Rectangle

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



79E4B3



00E5F9



FFB3EC



FFB3A7

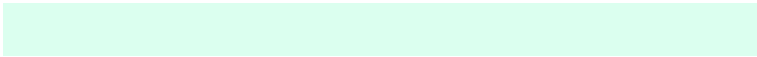


# Sweetspot

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



79E4B3



DBFFE4



ABE479



6A8076



000000



808080



# Same Dimension

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



79E4B3



70FFBE



79E0E4



67736D



00B361



00331C



# Inverse Universe

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



E479AA



FF70B2



E47D79



73676D



B30052

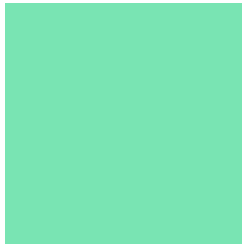


330017



# Previews

## White Background



This preview shows how the Hex color 79E4B3 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 79E4B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

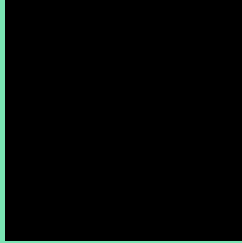
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79E4B3 Background



This preview shows how black text looks on a background with the Hex color 79E4B3.

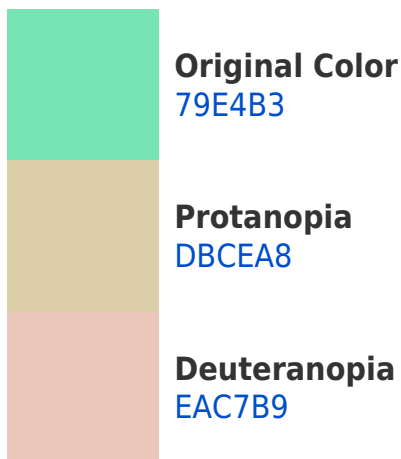


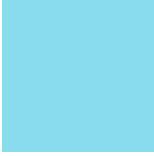
This preview shows how white text looks on a background with the Hex color 79E4B3.

# 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**  
88DCEE

# Trichromacy



**Original Color**  
79E4B3



**Protanomaly**  
B7D6AC



**Deuteranomaly**  
C1D2B7



**Tritanomaly**  
83DFD9

# Monochromacy



**Original Color**  
79E4B3



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
A5CCBA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79E4B3 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 #79E4B3 looks like.

```
.text, #text, p{  
    color:#79E4B3  
}
```

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 #79E4B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79E4B3
}
```

## Border

The CSS property to change the border of an element to Hex 79E4B3 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
#79E4B3 }
```

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

```
.border{ border-color:#79E4B3 }
```

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

Here you see how a box with a 4 pixel #79E4B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79E4B3; -webkit-box-shadow:4px 4px  
4px 4px #79E4B3; box-shadow:4px 4px 4px  
4px #79E4B3 }
```

# Background

The CSS property to change the background color of an element to Hex 79E4B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79E4B3 }
```

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

```
.background{ background-color:#79E4B3 }
```

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