

# Converting Colors

Hex(74E983)

Have a look what the booklet for  
Hex(74E983) contains.

<b>Hex(74E983)</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(74E983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74E983
RGB	116, 233, 131
RGB Percent	45%, 91%, 51%
CMY	0.5451, 0.0863, 0.4863
CMYK	0.50, 0.00, 0.44, 0.09
HSL	128°, 73%, 68%
HSV	128°, 50%, 91%
XYZ	40.4381, 63.6295, 31.6231
YIQ	186.3890, -36.9900, -56.5260

# Conversions

## Conversions Part 2

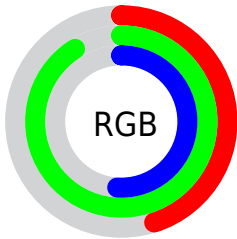
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 220, 233
Decimal	7661955
CIELab	83.77, -54.00, 39.57
CIELCh	84, 66.945, 143.763
Yxy	63.6295, 0.2980, 0.4689
Android (android.graphics.Color)	4285852035 (0xFF74E983)
YUV	186.3890, -27.3068, -61.7312
Hunter-Lab	79.7681, -49.1044, 32.3328

# Details

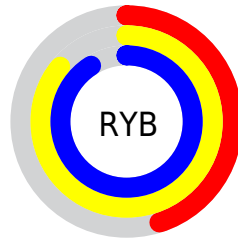
The Hex color **74E983** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E974DA**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **AFFFB9**, and **36B050** is the 20% darker color. If you saturate the color by 10%, you get **5DE96F**, and if you desaturate by 10%, it is **8BE997**.

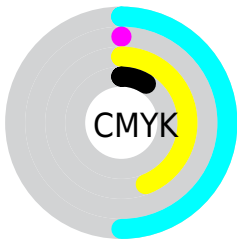
# Distribution



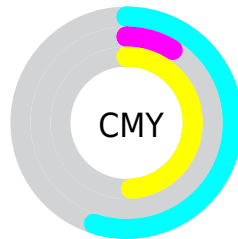
- Red (45%)
- Green (91%)
- Blue (51%)



- Red (45%)
- Yellow (86%)
- Blue (91%)



- Cyan (50%)
- Magenta (0%)
- Yellow (44%)
- Black (9%)



- Cyan (55%)
- Magenta (9%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74E983 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 74E983 by changing the saturation by 10% instead.



 74E983

FFFFFF

 AFFFFB9

 CCFFD5

 EAFF2

 74E983

 56CC69

 36B050

 009537

 007A1D

 006100

 004700

 003100

 001600

 000000

 74E983

 74E983

 5DE96F

 8BE997

 45E95A

 A3E9AC

 2EE946

 BAE9C0

 17E932

 D1E9D4

 00E91E

 E9E9E9

 FFE9FD

 FFE9FF

# Harmonies

## Analogous

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



C3DC56



74E983



00EFC1

# Triad

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



74E983



00DCFF



FF9DA2

# Complementary

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



74E983



E974DA

# 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.



FF9AE1



74E983



BEC6FF

# Square

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



74E983



00EAFB



FFACFF



FFB16C

# Rectangle

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



74E983



00F0ED



FFACFF



FF9AB6

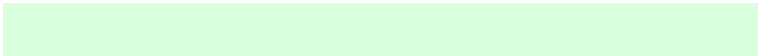


# Sweetspot

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



74E983



D9FFDE



DBE974



69806B



000000



808080



# Same Dimension

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



74E983



66FF7A



74E9BC



6A756B



00B517



003607



# Inverse Universe

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



E974DA



FF66EB



E974A1



756A74



B5009E



36002F



# Previews

## White Background



This preview shows how the Hex color 74E983 looks on a white background.

## Color Contrast Check

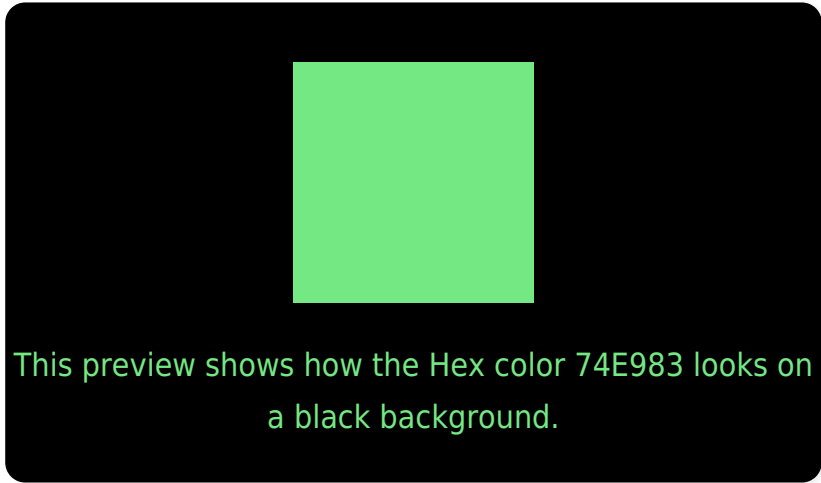
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

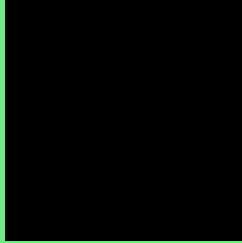
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 74E983 Background



This preview shows how black text looks on a background with the Hex color 74E983.

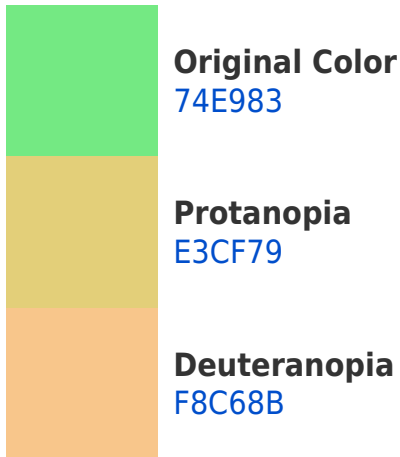


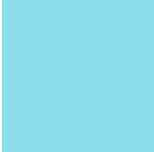
This preview shows how white text looks on a background with the Hex color 74E983.

# 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



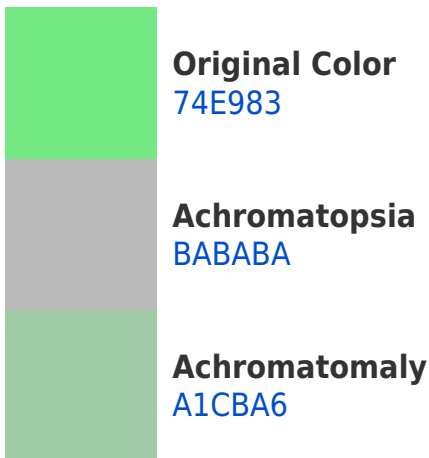


**Tritanopia**  
8DDDEE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74E983 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 #74E983 looks like.

```
.text, #text, p{  
    color:#74E983  
}
```

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 #74E983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74E983
}
```

## Border

The CSS property to change the border of an element to Hex 74E983 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
#74E983 }
```

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

```
.border{ border-color:#74E983 }
```

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

Here you see how a box with a 4 pixel #74E983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74E983; -webkit-box-shadow:4px 4px  
4px 4px #74E983; box-shadow:4px 4px 4px  
4px #74E983 }
```

# Background

The CSS property to change the background color of an element to Hex 74E983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74E983 }
```

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

```
.background{ background-color:#74E983 }
```

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