

# Converting Colors

Hex(7AC584)

Have a look what the booklet for  
Hex(7AC584) contains.

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**Color**

**Hex(7AC584)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AC584
RGB	122, 197, 132
RGB Percent	48%, 77%, 52%
CMY	0.5216, 0.2275, 0.4824
CMYK	0.38, 0.00, 0.33, 0.23
HSL	128°, 39%, 63%
HSV	128°, 38%, 77%
XYZ	32.1571, 45.7360, 28.9629
YIQ	167.1650, -23.8350, -36.1150

# Conversions

## Conversions Part 2

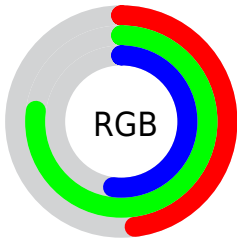
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 188, 197
Decimal	8045956
CIELab	73.37, -36.83, 25.47
CIElCh	73, 44.777, 145.335
Yxy	45.7360, 0.3009, 0.4280
Android (android.graphics.Color)	4286236036 (0xFF7AC584)
YUV	167.1650, -17.3363, -39.6097
Hunter-Lab	67.6284, -33.4734, 21.9481

# Details

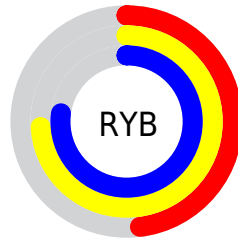
The Hex color **7AC584** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C57ABB**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B1FEB9**, and **458F52** is the 20% darker color. If you saturate the color by 10%, you get **66C573**, and if you desaturate by 10%, it is **8EC595**.

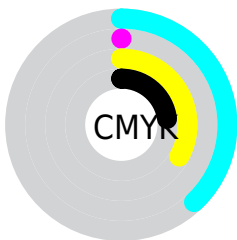
# Distribution



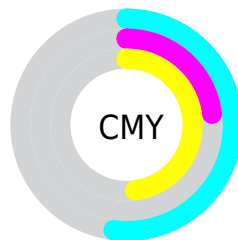
- Red (48%)
- Green (77%)
- Blue (52%)



- Red (48%)
- Yellow (74%)
- Blue (77%)



- Cyan (38%)
- Magenta (0%)
- Yellow (33%)
- Black (23%)



- Cyan (52%)
- Magenta (23%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AC584 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 7AC584 by changing the saturation by 10% instead.





7AC584



7AC584

FFFFFF



5FA96A



B1FEB9



458F52



CDFFD5



29753A



EAFFF2



055B23



00430D



002C00



001400



000000



7AC584



7AC584

 66C573

 8EC595

 53C562

 A1C5A6

 3FC551

 B5C5B7

 2BC540

 C9C5C8

 18C52F

 DDC5D9

 04C51E

 F0C5EA

 00C51A

 FFC5FC

 FFC5FF

# Harmonies

## Analogous

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



ABBC68



7AC584



38C9AC

# Triad

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



7AC584



66BAFF



FF9693

# Complementary

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



7AC584



C57ABB

# 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.



FE94BC



7AC584



AFACFE

# Square

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



7AC584



00C4F7



E19DE3



F3A172

# Rectangle

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



7AC584



00CAC9



E19DE3



FF94A1

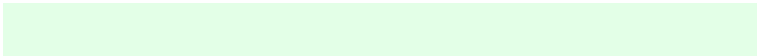


# Sweetspot

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



7AC584



E3FFE7



BBC57A



6F8071



000000



808080



# Same Dimension

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



7AC584



8AFF99



7AC5AA



5A635B



00A316



002405



# Inverse Universe

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



C57ABB



FF8AEF



C57A96



635A62



A3008D



24001F



# Previews

## White Background



This preview shows how the Hex color 7AC584 looks on a white background.

## Color Contrast Check

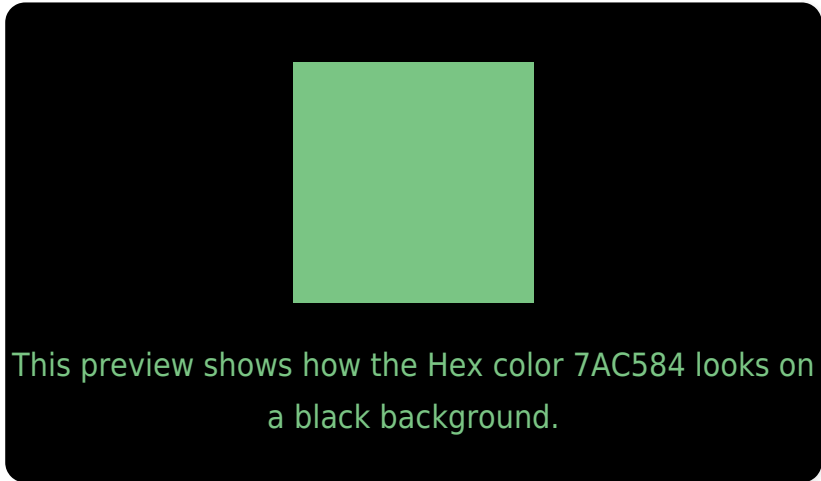
Large Text (above 18pt) WCAG AA × Fail

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

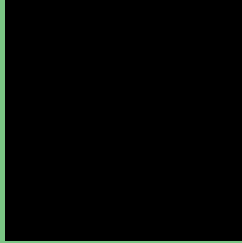
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7AC584 Background



This preview shows how black text looks on a background with the Hex color 7AC584.

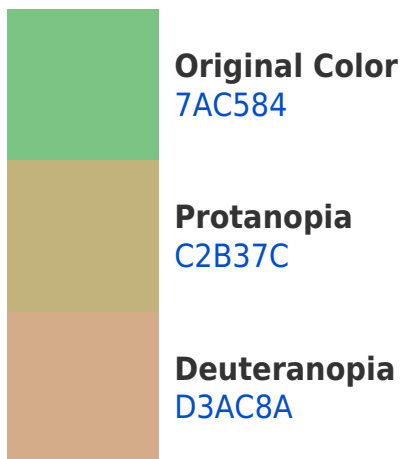


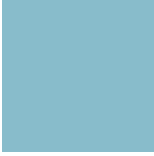
This preview shows how white text looks on a background with the Hex color 7AC584.

# 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](#).

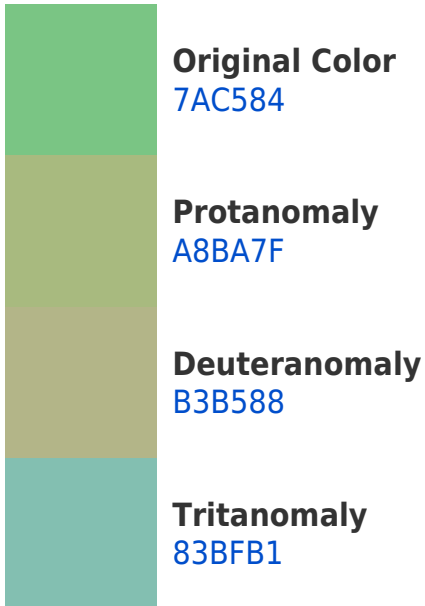
## Dichromacy



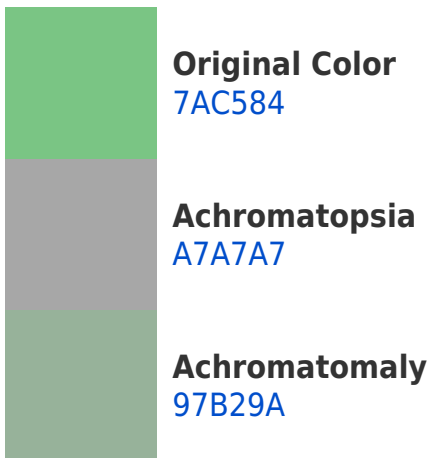


**Tritanopia**  
88BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AC584 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 #7AC584 looks like.

```
.text, #text, p{  
    color:#7AC584  
}
```

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 #7AC584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AC584
}
```

## Border

The CSS property to change the border of an element to Hex 7AC584 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
#7AC584 }
```

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

```
.border{ border-color:#7AC584 }
```

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

Here you see how a box with a 4 pixel #7AC584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AC584; -webkit-box-shadow:4px 4px  
4px 4px #7AC584; box-shadow:4px 4px 4px  
4px #7AC584 }
```

# Background

The CSS property to change the background color of an element to Hex 7AC584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AC584 }
```

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

```
.background{ background-color:#7AC584 }
```

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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