

Converting Colors

Hex(7AC167)

Have a look what the booklet for
Hex(7AC167) contains.

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Color

Hex(7AC167)

Conversions

Conversions Part 1

Format	Color
Hex	7AC167
RGB	122, 193, 103
RGB Percent	48%, 76%, 40%
CMY	0.5216, 0.2431, 0.5961
CMYK	0.37, 0.00, 0.47, 0.24
HSL	107°, 42%, 58%
HSV	107°, 47%, 76%
XYZ	29.5442, 43.2568, 19.6242
YIQ	161.5110, -13.4260, -43.0420

Conversions

Conversions Part 2

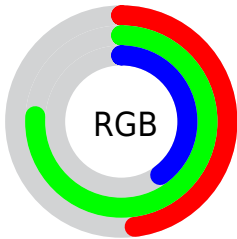
Format	Color
RYB	103, 193, 174
Decimal	8044903
CIELab	71.73, -39.44, 38.28
CIElCh	72, 54.967, 135.854
Yxy	43.2568, 0.3197, 0.4680
Android (android.graphics.Color)	4286234983 (0xFF7AC167)
YUV	161.5110, -28.8459, -34.6511
Hunter-Lab	65.7699, -34.9141, 28.3482

Details

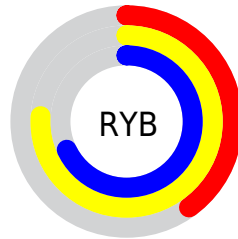
The Hex color **7AC167** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **AE67C1**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B1FA9C**, and **448B35** is the 20% darker color. If you saturate the color by 10%, you get **6BC154**, and if you desaturate by 10%, it is **89C17A**.

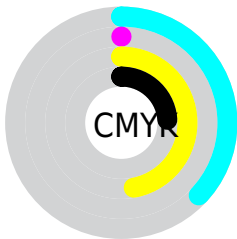
Distribution



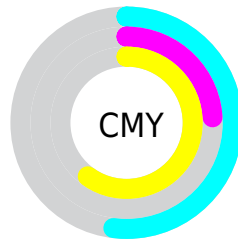
- Red (48%)
- Green (76%)
- Blue (40%)



- Red (40%)
- Yellow (76%)
- Blue (68%)



- Cyan (37%)
- Magenta (0%)
- Yellow (47%)
- Black (24%)



- Cyan (52%)
- Magenta (24%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AC167 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 7AC167 by changing the saturation by 10% instead.

 7AC167

 7AC167

FFFFFF

 5FA64E

 B1FA9C

 448B35

 CEFFB7

 28711C

 EBFFD3

 015800

 FFFFF0

 004000

 002A00

 000C00

 000000

 7AC167

 7AC167

 6BC154

 89C17A

 5CC140

 98C18E

 4CC12D

 A8C1A1

 3DC11A

 B7C1B4

 2EC107

 C6C1C7

 29C100

 D5C1DB

 E5C1EE

 F4C1FF

 FFC1FF

Harmonies

Analogous

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



B3B54A



7AC167



07C796

Triad

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



7AC167



00BCFF



FF8597

Complementary

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



7AC167



AE67C1

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.



FF88CA



7AC167



8AACFF

Square

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



7AC167



00C5F7



D598F6



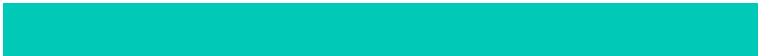
FF926A

Rectangle

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



7AC167



00C9B8



D598F6



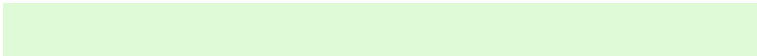
FF84A8

Sweetspot

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



7AC167



DEFAD7



C1AE67



6C7D68



FCFCFC



7D7D7D

Same Dimension

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



7AC167



8BFA6E



67C180



596157



22A100



072100

Inverse Universe

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



AE67C1



DC6EFA



C167A8



5F5761



7F00A1



1A0021

Previews

White Background



This preview shows how the Hex color 7AC167 looks on a white background.

Color Contrast Check

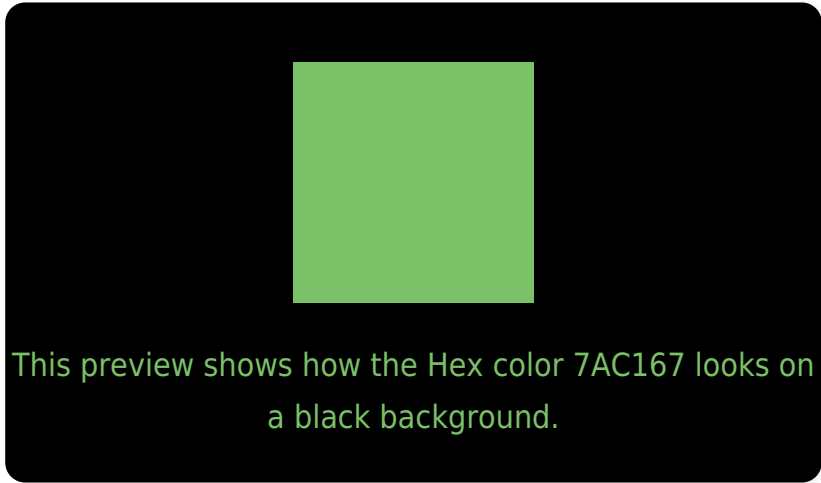
Large Text (above 18pt) WCAG AA × Fail

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

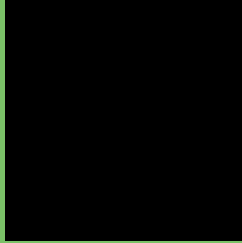
Any Text WCAG AA ✓ Pass

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 7AC167 Background



This preview shows how black text looks on a background with the Hex color 7AC167.

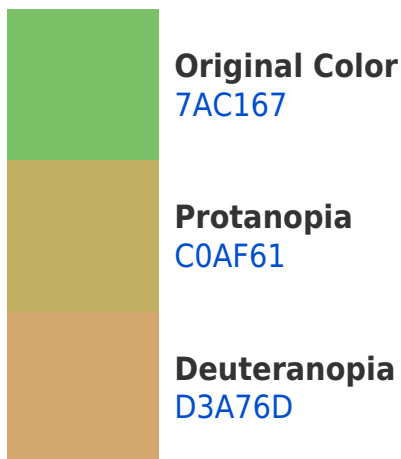


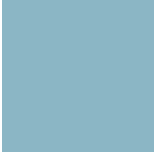
This preview shows how white text looks on a background with the Hex color 7AC167.

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](#).

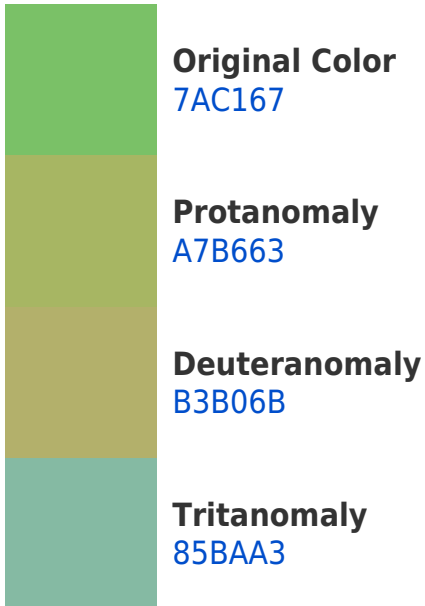
Dichromacy



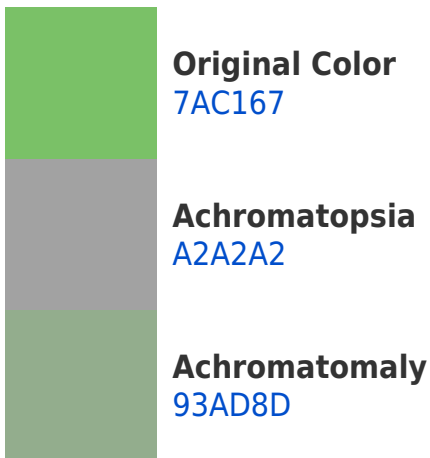


Tritanopia
8BB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AC167 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 #7AC167 looks like.

```
.text, #text, p{  
    color:#7AC167  
}
```

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 #7AC167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AC167
}
```

Border

The CSS property to change the border of an element to Hex 7AC167 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
#7AC167 }
```

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

```
.border{ border-color:#7AC167 }
```

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

Here you see how a box with a 4 pixel #7AC167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AC167; -webkit-box-shadow:4px 4px  
4px 4px #7AC167; box-shadow:4px 4px 4px  
4px #7AC167 }
```

Background

The CSS property to change the background color of an element to Hex 7AC167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AC167 }
```

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

```
.background{ background-color:#7AC167 }
```

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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