

Converting Colors

Hex(7AC568)

Have a look what the booklet for
Hex(7AC568) contains.

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Color

Hex(7AC568)

Conversions

Conversions Part 1

Format	Color
Hex	7AC568
RGB	122, 197, 104
RGB Percent	48%, 77%, 41%
CMY	0.5216, 0.2275, 0.5922
CMYK	0.38, 0.00, 0.47, 0.23
HSL	108°, 44%, 59%
HSV	108°, 47%, 77%
XYZ	30.4910, 45.0696, 20.1890
YIQ	163.9730, -14.8470, -44.8230

Conversions

Conversions Part 2

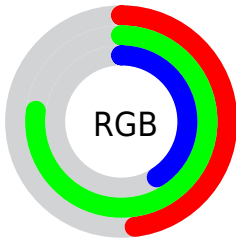
Format	Color
RYB	104, 197, 179
Decimal	8045928
CIELab	72.94, -41.07, 39.29
CIELCh	73, 56.842, 136.267
Yxy	45.0696, 0.3184, 0.4707
Android (android.graphics.Color)	4286236008 (0xFF7AC568)
YUV	163.9730, -29.5667, -36.8103
Hunter-Lab	67.1339, -36.4128, 29.1636

Details

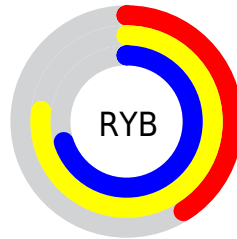
The Hex color **7AC568** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B368C5**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **B2FE9D**, and **438F36** is the 20% darker color. If you saturate the color by 10%, you get **6AC554**, and if you desaturate by 10%, it is **8AC57C**.

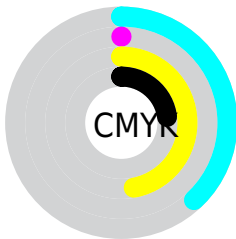
Distribution



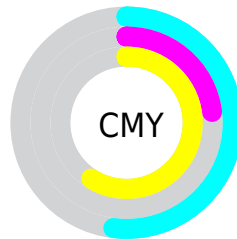
- Red (48%)
- Green (77%)
- Blue (41%)



- Red (41%)
- Yellow (77%)
- Blue (70%)



- Cyan (38%)
- Magenta (0%)
- Yellow (47%)
- Black (23%)



- Cyan (52%)
- Magenta (23%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AC568 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 7AC568 by changing the saturation by 10% instead.

 7AC568

 7AC568

FFFFFF

 5FA94F

 B2FE9D

 438F36

 CEFFB8

 27741D

 EBFFD4

 005B00

 FFFFF1

 004300

 002C00

 001200

 000000

 7AC568

 7AC568

 6AC554

 8AC57C

 5AC541

 9AC58F

 4AC52D

 AAC5A3

 3AC519

 BAC5B7

 2BC506

 C9C5CB

 26C500

 D9C5DE

 E9C5F2

 F9C5FF

 FFC5FF

Harmonies

Analogous

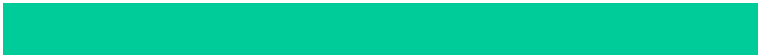
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B5B94A



7AC568



00CC99

Triad

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



7AC568



00BFFF



FF8799

Complementary

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



7AC568



B368C5

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.



FF89CD



7AC568



8DAFFF

Square

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



7AC568



00C9FD



DB9AFB



FF946A

Rectangle

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



7AC568



00CDBD



DB9AFB



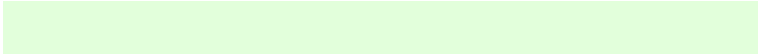
FF85AA

Sweetspot

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



7AC568



E2FFDB



C5B268



6E806A



000000



808080

Same Dimension

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



7AC568



8AFF6E



68C584



5B635A



20A300



072400

Inverse Universe

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



B368C5



E36EFF



C568A9



625A63



8400A3



1D0024

Previews

White Background



This preview shows how the Hex color 7AC568 looks on a white background.

Color Contrast Check

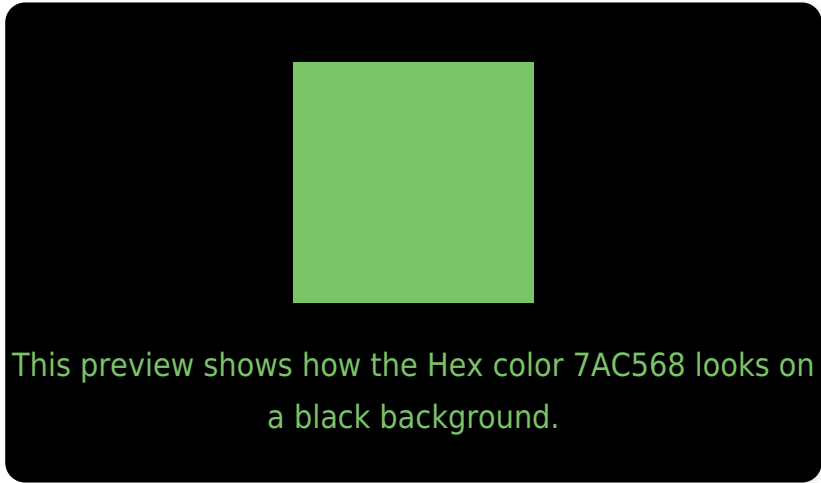
Large Text (above 18pt) WCAG AA × Fail

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 7AC568 Background



This preview shows how black text looks on a background with the Hex color 7AC568.

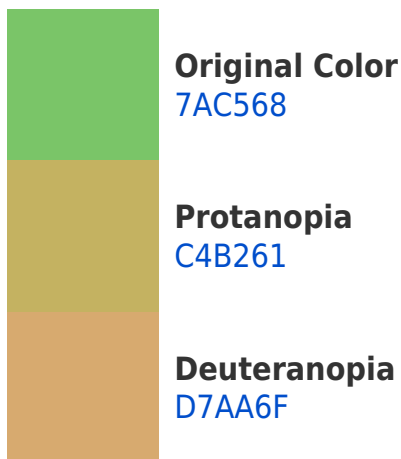


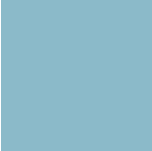
This preview shows how white text looks on a background with the Hex color 7AC568.

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
8BBAC9

Trichromacy



Original Color
7AC568



Protanomaly
A9B964



Deuteranomaly
B5B46C



Tritanomaly
85BEA6

Monochromacy



Original Color
7AC568



Achromatopsia
A4A4A4



Achromatomaly
95B08E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AC568 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 #7AC568 looks like.

```
.text, #text, p{  
    color:#7AC568  
}
```

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 #7AC568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AC568  
}
```

Border

The CSS property to change the border of an element to Hex 7AC568 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  
#7AC568 }
```

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

```
.border{ border-color:#7AC568 }
```

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

Here you see how a box with a 4 pixel #7AC568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AC568; -webkit-box-shadow:4px 4px  
4px 4px #7AC568; box-shadow:4px 4px 4px  
4px #7AC568 }
```

Background

The CSS property to change the background color of an element to Hex 7AC568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AC568 }
```

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

```
.background{ background-color:#7AC568 }
```

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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