

Converting Colors

Hex(7AC586)

Have a look what the booklet for
Hex(7AC586) contains.

Hex(7AC586)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7AC586)

Conversions

Conversions Part 1

Format	Color
Hex	7AC586
RGB	122, 197, 134
RGB Percent	48%, 77%, 53%
CMY	0.5216, 0.2275, 0.4745
CMYK	0.38, 0.00, 0.32, 0.23
HSL	130°, 39%, 63%
HSV	130°, 38%, 77%
XYZ	32.2954, 45.7913, 29.6907
YIQ	167.3930, -24.4770, -35.4930

Conversions

Conversions Part 2

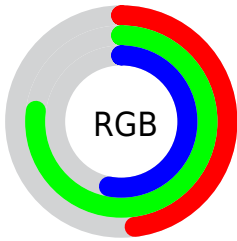
Format	Color
RYB	122, 187, 197
Decimal	8045958
CIELab	73.41, -36.49, 24.46
CIElCh	73, 43.927, 146.160
Yxy	45.7913, 0.2996, 0.4249
Android (android.graphics.Color)	4286236038 (0xFF7AC586)
YUV	167.3930, -16.4627, -39.8097
Hunter-Lab	67.6693, -33.2316, 21.3543

Details

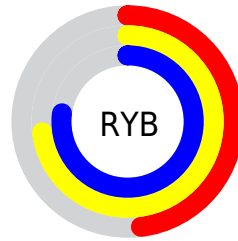
The Hex color **7AC586** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C57AB9**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B1FEBC**, and **458F54** is the 20% darker color. If you saturate the color by 10%, you get **66C575**, and if you desaturate by 10%, it is **8EC597**.

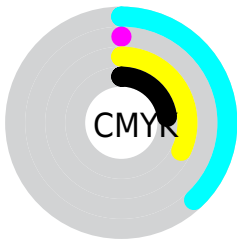
Distribution



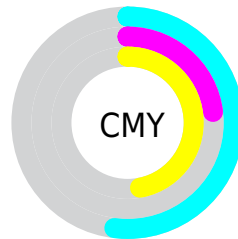
- Red (48%)
- Green (77%)
- Blue (53%)



- Red (48%)
- Yellow (73%)
- Blue (77%)



- Cyan (38%)
- Magenta (0%)
- Yellow (32%)
- Black (23%)



- Cyan (52%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AC586 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 7AC586 by changing the saturation by 10% instead.

 7AC586

 7AC586

FFFFFF

 5FA96C

 B1FEBC

 458F54

 CDFFD7

 29753C

 EAFFF4

 055B25

 00430F

 002C00

 001400

 000000

 7AC586

 7AC586

 66C575

 8EC597

 53C565

 A1C5A7

 3FC554

 B5C5B8

 2BC544

 C9C5C8

 18C533

 DDC5D9

 04C523

 F0C5E9

 00C520

 FFC5FA

 FFC5FF

Harmonies

Analogous

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



AABD6A



7AC586



3BC9AE

Triad

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



7AC586



6BBAFF



FF9793

Complementary

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



7AC586



C57AB9

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.



FD94BB



7AC586



B1ACFD

Square

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



7AC586



00C4F6



E29DE2



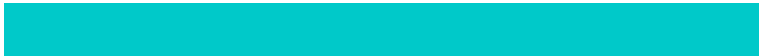
F1A273

Rectangle

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



7AC586



00C9C9



E29DE2



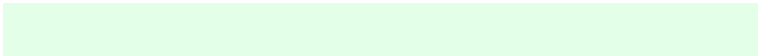
FF95A0

Sweetspot

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



7AC586



E3FFE7



BAC57A



6F8072



000000



808080

Same Dimension

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



7AC586



8AFF9C



7AC5AB



5A635B



00A31A



002406

Inverse Universe

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



C57AB9



FF8AEC



C57A94



635A62



A30089



24001E

Previews

White Background



This preview shows how the Hex color 7AC586 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 7AC586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

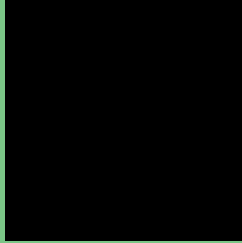
Any Text WCAG AA ✓ Pass

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 7AC586 Background



This preview shows how black text looks on a background with the Hex color 7AC586.

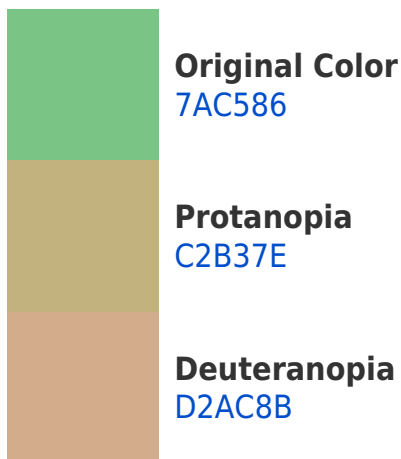


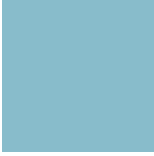
This preview shows how white text looks on a background with the Hex color 7AC586.

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



Original Color
7AC586



Protanomaly
A8BA81



Deuteranomaly
B2B589



Tritanomaly
83BFB2

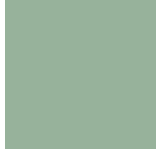
Monochromacy



Original Color
7AC586



Achromatopsia
A7A7A7



Achromatomaly
97B29B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AC586 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 #7AC586 looks like.

```
.text, #text, p{  
    color:#7AC586  
}
```

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 #7AC586 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AC586
}
```

Border

The CSS property to change the border of an element to Hex 7AC586 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
#7AC586 }
```

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

```
.border{ border-color:#7AC586 }
```

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

Here you see how a box with a 4 pixel #7AC586 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AC586; -webkit-box-shadow:4px 4px  
4px 4px #7AC586; box-shadow:4px 4px 4px  
4px #7AC586 }
```

Background

The CSS property to change the background color of an element to Hex 7AC586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AC586 }
```

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

```
.background{ background-color:#7AC586 }
```

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