

Converting Colors

Hex(6ACE7D)

Have a look what the booklet for
Hex(6ACE7D) contains.

Hex(6ACE7D)	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(6ACE7D)

Conversions

Conversions Part 1

Format	Color
Hex	6ACE7D
RGB	106, 206, 125
RGB Percent	42%, 81%, 49%
CMY	0.5843, 0.1922, 0.5098
CMYK	0.49, 0.00, 0.39, 0.19
HSL	131°, 51%, 61%
HSV	131°, 49%, 81%
XYZ	31.7168, 48.6875, 27.1280
YIQ	166.8660, -33.5990, -46.3910

Conversions

Conversions Part 2

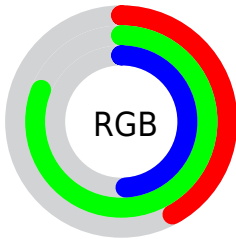
Format	Color
RYB	106, 190, 206
Decimal	6999677
CIELab	75.26, -46.54, 31.49
CIElCh	75, 56.193, 145.917
Yxy	48.6875, 0.2950, 0.4528
Android (android.graphics.Color)	4285189757 (0xFF6ACE7D)
YUV	166.8660, -20.6399, -53.3795
Hunter-Lab	69.7764, -40.9716, 25.7924

Details

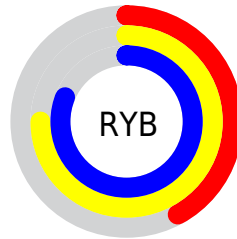
The Hex color **6ACE7D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CE6ABB**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A3FFB2**, and **2F974B** is the 20% darker color. If you saturate the color by 10%, you get **55CE6C**, and if you desaturate by 10%, it is **7FCE8E**.

Distribution



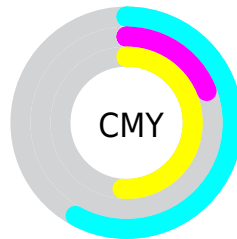
- Red (42%)
- Green (81%)
- Blue (49%)



- Red (42%)
- Yellow (75%)
- Blue (81%)



- Cyan (49%)
- Magenta (0%)
- Yellow (39%)
- Black (19%)



- Cyan (58%)
- Magenta (19%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6ACE7D 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 6ACE7D by changing the saturation by 10% instead.

 6ACE7D

 6ACE7D

FFFFFF

 4DB263

 A3FFB2

 2F974B

 BFFFCE

 007C33

 DDFFE8

 00631B

 FAFFFF

 004A02

 003200

 001B00

 000000

 6ACE7D

 6ACE7D

 55CE6C

 7FCE8E

 41CE5C

 93CE9E

 2CCE4B

 A8CEAF

 18CE3A

 BCCEC0

 03CE2A

 D1CED0

 00CE27

 E6CEE1

 FACEF2

 FFCEFF

Harmonies

Analogous

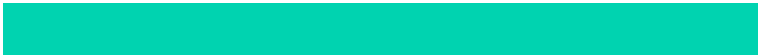
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ABC458



6ACE7D



00D3B0

Triad

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



6ACE7D



3DC1FF



FF918F

Complementary

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



6ACE7D



CE6ABB

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.



FF8DC3



6ACE7D



B1AFFF

Square

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



6ACE7D



00CDFE



F29AF4



FFA165

Rectangle

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



6ACE7D



00D3D4



F29AF4



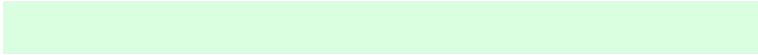
FF8EA0

Sweetspot

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



6ACE7D



D9FFE0



BCCE6A



69806D



000000



808080

Same Dimension

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



6ACE7D



6BFF87



6ACEAE



5C665E



00A61F



002607

Inverse Universe

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



CE6ABB



FF6BE3



CE6A8A



665C64



A60086



26001F

Previews

White Background



This preview shows how the Hex color 6ACE7D 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 6ACE7D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

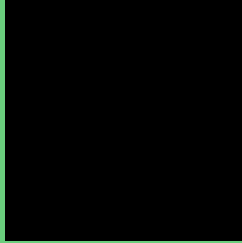
Any Text WCAG AA ✓ Pass

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 6ACE7D Background



This preview shows how black text looks on a background with the Hex color 6ACE7D.

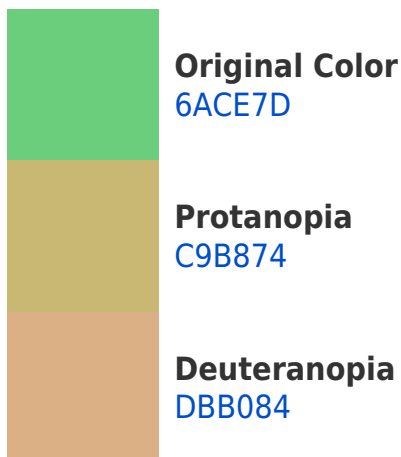


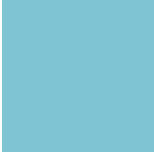
This preview shows how white text looks on a background with the Hex color 6ACE7D.

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
7EC4D3

Trichromacy



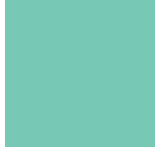
Original Color
6ACE7D



Protanomaly
A6C077



Deuteranomaly
B2BB81



Tritanomaly
77C8B4

Monochromacy



Original Color
6ACE7D



Achromatopsia
A7A7A7



Achromatomaly
91B598

CSS Examples

Text

The CSS property to change the color of the text to Hex 6ACE7D 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 #6ACE7D looks like.

```
.text, #text, p{  
    color:#6ACE7D  
}
```

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 #6ACE7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ACE7D
}
```

Border

The CSS property to change the border of an element to Hex 6ACE7D 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
#6ACE7D }
```

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

```
.border{ border-color:#6ACE7D }
```

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

Here you see how a box with a 4 pixel #6ACE7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ACE7D; -webkit-box-shadow:4px 4px  
4px 4px #6ACE7D; box-shadow:4px 4px 4px  
4px #6ACE7D }
```

Background

The CSS property to change the background color of an element to Hex 6ACE7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ACE7D }
```

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

```
.background{ background-color:#6ACE7D }
```

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