

Converting Colors

Hex(6CE97A)

Have a look what the booklet for
Hex(6CE97A) contains.

Hex(6CE97A)	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(6CE97A)

Conversions

Conversions Part 1

Format	Color
Hex	6CE97A
RGB	108, 233, 122
RGB Percent	42%, 91%, 48%
CMY	0.5765, 0.0863, 0.5216
CMYK	0.54, 0.00, 0.48, 0.09
HSL	127°, 74%, 67%
HSV	127°, 54%, 91%
XYZ	38.8361, 62.8711, 28.5008
YIQ	182.9710, -38.8690, -61.0210

Conversions

Conversions Part 2

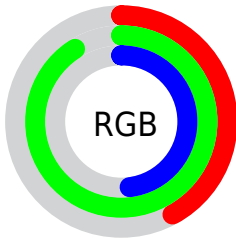
Format	Color
RYB	108, 220, 233
Decimal	7137658
CIELab	83.37, -57.31, 43.40
CIElCh	83, 71.891, 142.867
Yxy	62.8711, 0.2983, 0.4829
Android (android.graphics.Color)	4285327738 (0xFF6CE97A)
YUV	182.9710, -30.0587, -65.7496
Hunter-Lab	79.2913, -51.3322, 34.1925

Details

The Hex color **6CE97A** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **E96CDB**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **A8FFB0**, and **28B046** is the 20% darker color. If you saturate the color by 10%, you get **55E965**, and if you desaturate by 10%, it is **83E98F**.

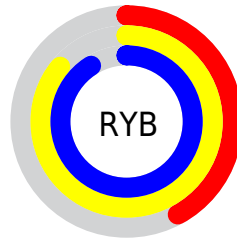
Distribution



Red (42%)

Green (91%)

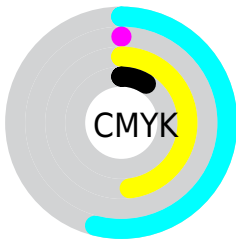
Blue (48%)



Red (42%)

Yellow (86%)

Blue (91%)

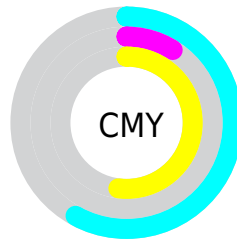


Cyan (54%)

Magenta (0%)

Yellow (48%)

Black (9%)



Cyan (58%)

Magenta (9%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CE97A 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 6CE97A by changing the saturation by 10% instead.

 6CE97A

 6CE97A

FFFFFF

 4DCC60

 A8FFB0

 28B046

 C5FFCC

 00952D

 E3FFE9

 007A11

 006000

 004700

 003100

 001400

 000000

 6CE97A

 6CE97A

 55E965

 83E98F

 3DE951

 9BE9A3

 26E93C

 B2E9B8

 0FE927

 C9E9CD

 00E91A

 E1E9E1

 F8E9F6

 FFE9FF

Harmonies

Analogous

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



C2DC49



6CE97A



00F0BD

Triad

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



6CE97A



00DCFF



FF969F

Complementary

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



6CE97A



E96CDB

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.



FF93E3



6CE97A



B5C5FF

Square

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



6CE97A



00EAFF



FFA8FF



FFAC65

Rectangle

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



6CE97A



00F1EC



FFA8FF



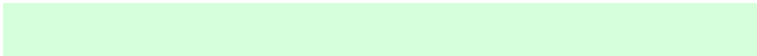
FF92B5

Sweetspot

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



6CE97A



D6FFDB



DDE96C



67806A



000000



808080

Same Dimension

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



6CE97A



5CFF6E



6CE9B7



6A756B



00B514



003606

Inverse Universe

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



E96CDB



FF5CED



E96C9E



756A74



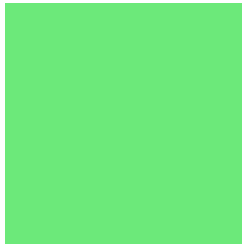
B500A1



360030

Previews

White Background



This preview shows how the Hex color 6CE97A 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 6CE97A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

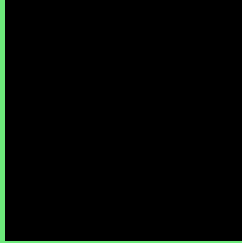
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

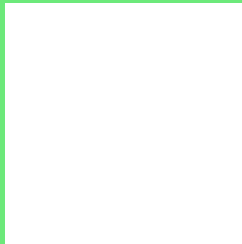
Any Text WCAG AAA ✓ Pass

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

Hex 6CE97A Background



This preview shows how black text looks on a background with the Hex color 6CE97A.

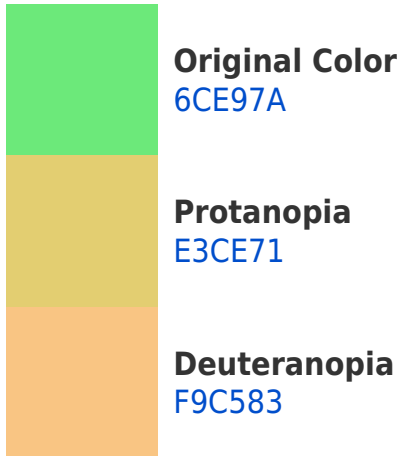


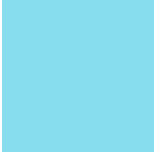
This preview shows how white text looks on a background with the Hex color 6CE97A.

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
87DCEE

Trichromacy



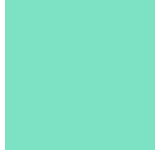
Original Color
6CE97A



Protanomaly
B8D874



Deuteranomaly
C6D280



Tritanomaly
7DE1C4

Monochromacy



Original Color
6CE97A



Achromatopsia
B7B7B7



Achromatomaly
9CC9A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CE97A 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 #6CE97A looks like.

```
.text, #text, p{  
    color:#6CE97A  
}
```

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 #6CE97A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CE97A
}
```

Border

The CSS property to change the border of an element to Hex 6CE97A 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
#6CE97A }
```

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

```
.border{ border-color:#6CE97A }
```

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

Here you see how a box with a 4 pixel #6CE97A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CE97A; -webkit-box-shadow:4px 4px  
4px 4px #6CE97A; box-shadow:4px 4px 4px  
4px #6CE97A }
```

Background

The CSS property to change the background color of an element to Hex 6CE97A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CE97A }
```

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

```
.background{ background-color:#6CE97A }
```

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