

# Converting Colors

Hex(6EC897)

Have a look what the booklet for  
Hex(6EC897) contains.

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**Color**

**Hex(6EC897)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EC897
RGB	110, 200, 151
RGB Percent	43%, 78%, 59%
CMY	0.5686, 0.2157, 0.4078
CMYK	0.45, 0.00, 0.24, 0.22
HSL	147°, 45%, 61%
HSV	147°, 45%, 78%
XYZ	32.6706, 46.8579, 36.6007
YIQ	167.5040, -37.9110, -34.3190

# Conversions

## Conversions Part 2

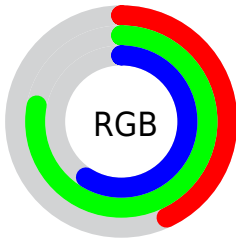
Format	Color
<a href="#">RYB</a>	<a href="#">110, 172, 200</a>
Decimal	<a href="#">7260311</a>
CIELab	<a href="#">74.10, -38.11, 16.28</a>
CIElCh	<a href="#">74, 41.441, 156.866</a>
Yxy	<a href="#">46.8579, 0.2813, 0.4035</a>
Android (android.graphics.Color)	<a href="#">4285450391 (0xFF6EC897)</a>
YUV	<a href="#">167.5040, -8.1365, -50.4310</a>
Hunter-Lab	<a href="#">68.4528, -34.5995, 16.2155</a>

# Details

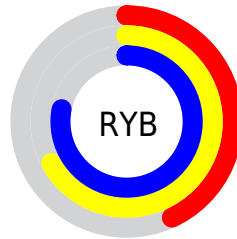
The Hex color **6EC897** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C86E9F**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A6FFCD**, and **369164** is the 20% darker color. If you saturate the color by 10%, you get **5AC88C**, and if you desaturate by 10%, it is **82C8A2**.

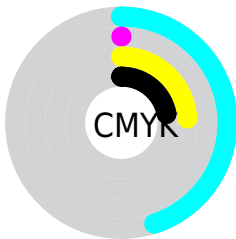
# Distribution



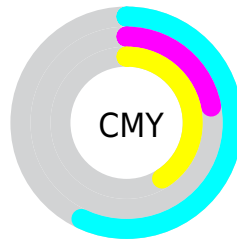
- Red (43%)
- Green (78%)
- Blue (59%)



- Red (43%)
- Yellow (67%)
- Blue (78%)



- Cyan (45%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (57%)
- Magenta (22%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EC897 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 6EC897 by changing the saturation by 10% instead.





6EC897



6EC897

FFFFFF



52AC7D



A6FFCD



369164



C2FFEA



14774C



DFFFFFF



005E35



FDFFFF



00451F



002E09



001700



000000



6EC897



6EC897

 5AC88C

 82C8A2

 46C881

 96C8AD

 32C876

 AAC8B8

 1EC86B

 BEC8C3

 0AC861

 D2C8CD

 00C85B

 E6C8D8

 FAC8E3

 FFC8EE

 FFC8F9

# Harmonies

## Analogous

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



9DC178



6EC897



32CABE

# Triad

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



6EC897



8CB7FF



FC9E8A

# Complementary

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



6EC897



C86E9F

# 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.



FF98AF



6EC897



C6A9F3

# Square

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



6EC897



44C2FB



ED9DD5



E7AA71

# Rectangle

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



6EC897



00CAD7



ED9DD5



FF9B96

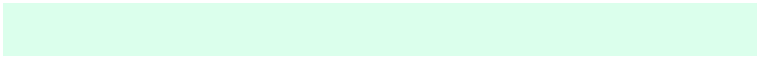


# Sweetspot

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



6EC897



DBFFEC



A0C86E



6A8074



000000



808080



# Same Dimension

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



6EC897



75FFB4



6EC8C4



5A635E



00A34A



002410



# Inverse Universe

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



C86E9F



FF75C0



C86E73



635A5F



A30059



240013



# Previews

## White Background



This preview shows how the Hex color 6EC897 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 6EC897 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

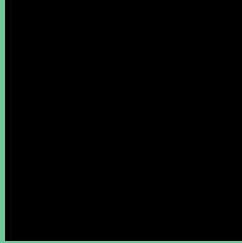
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EC897 Background



This preview shows how black text looks on a background with the Hex color 6EC897.

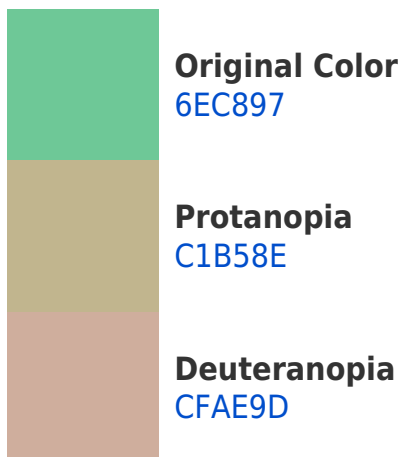


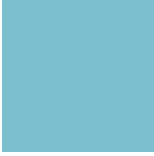
This preview shows how white text looks on a background with the Hex color 6EC897.

# 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**  
7CC0D0

# Trichromacy



**Original Color**  
6EC897



**Protanomaly**  
A3BC91



**Deuteranomaly**  
ACB79B



**Tritanomaly**  
77C3BB

# Monochromacy



**Original Color**  
6EC897



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
93B4A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EC897 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 #6EC897 looks like.

```
.text, #text, p{  
    color:#6EC897  
}
```

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 #6EC897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EC897
}
```

## Border

The CSS property to change the border of an element to Hex 6EC897 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
#6EC897 }
```

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

```
.border{ border-color:#6EC897 }
```

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

Here you see how a box with a 4 pixel #6EC897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EC897; -webkit-box-shadow:4px 4px  
4px 4px #6EC897; box-shadow:4px 4px 4px  
4px #6EC897 }
```

# Background

The CSS property to change the background color of an element to Hex 6EC897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EC897 }
```

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

```
.background{ background-color:#6EC897 }
```

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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