

# Converting Colors

Hex(6CDA9E)

Have a look what the booklet for  
Hex(6CDA9E) contains.

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# Color

Hex(6CDA9E)

# Conversions

## Conversions Part 1

Format	Color
Hex	6CDA9E
RGB	108, 218, 158
RGB Percent	42%, 85%, 62%
CMY	0.5765, 0.1451, 0.3804
CMYK	0.50, 0.00, 0.28, 0.15
HSL	147°, 60%, 64%
HSV	147°, 50%, 85%
XYZ	37.4273, 55.7996, 41.1455
YIQ	178.2700, -46.3000, -41.9800

# Conversions

## Conversions Part 2

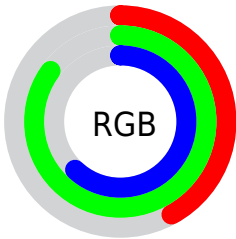
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 184, 218
Decimal	7133854
CIELab	79.50, -45.15, 20.06
CIELCh	79, 49.409, 156.046
Yxy	55.7996, 0.2785, 0.4153
Android (android.graphics.Color)	4285323934 (0xFF6CDA9E)
YUV	178.2700, -9.9931, -61.6268
Hunter-Lab	74.6991, -41.2877, 19.6315

# Details

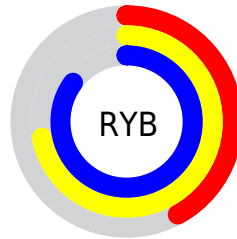
The Hex color **6CDA9E** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DA6CA8**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A5FFD5**, and **2FA26A** is the 20% darker color. If you saturate the color by 10%, you get **56DA92**, and if you desaturate by 10%, it is **82DAAA**.

# Distribution



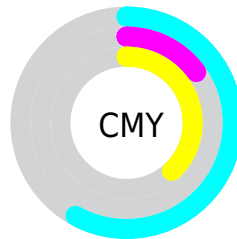
- Red (42%)
- Green (85%)
- Blue (62%)



- Red (42%)
- Yellow (72%)
- Blue (85%)



- Cyan (50%)
- Magenta (0%)
- Yellow (28%)
- Black (15%)



- Cyan (58%)
- Magenta (15%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CDA9E 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 6CDA9E by changing the saturation by 10% instead.



 6CDA9E

 6CDA9E

FFFFFF

 4FBE84

 A5FFD5

 2FA26A

 C3FFF1

 008752

 E0FFFF

 006D3A

FEFFFF

 005424

 003C0F

 002700

 000000

 6CDA9E

 6CDA9E

 56DA92

 82DAAA

 40DA86

 98DAB6

 2BDA7A

 ADDAC2

 15DA6E

 C3DACE

 00DA63

 D9DAD9

 EFDAE5

 FFDAF1

 FFDAFD

 FFDAFF

# Harmonies

## Analogous

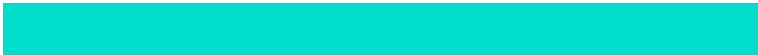
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A8D278



6CDA9E



00DDCD

# Triad

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



6CDA9E



8CC7FF



FFA691

# Complementary

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



6CDA9E



DA6CA8

# 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.



FF9FBD



6CDA9E



D6B5FF

# Square

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



6CDA9E



00D4FF



FFA6EB



FFB571

# Rectangle

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



6CDA9E



00DCEC



FFA6EB



FFA39F

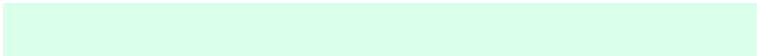


# Sweetspot

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



6CDA9E



D9FFEA



A9DA6C



698073



000000



808080



# Same Dimension

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



6CDA9E



63FFAA



6CDAD4



636E68



00AD4F



002E15



# Inverse Universe

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



DA6CA8



FF63B8



DA6C71



6E6369



AD005F



2E0019



# Previews

## White Background



This preview shows how the Hex color 6CDA9E 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 6CDA9E 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 6CDA9E Background



This preview shows how black text looks on a background with the Hex color 6CDA9E.

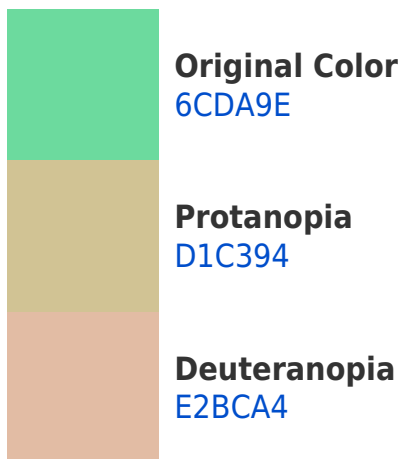


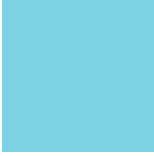
This preview shows how white text looks on a background with the Hex color 6CDA9E.

# 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](#).

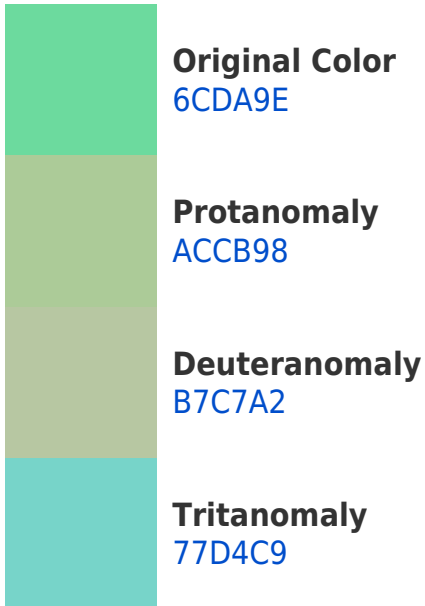
## Dichromacy



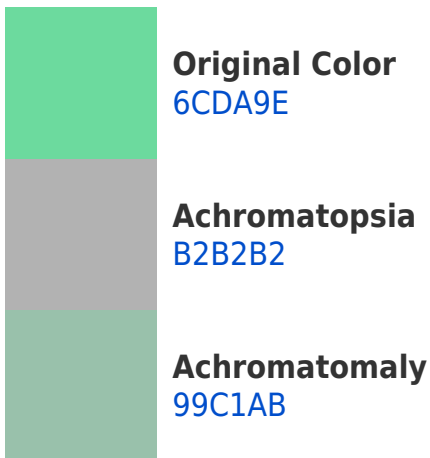


**Tritanopia**  
7ED1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CDA9E 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 #6CDA9E looks like.

```
.text, #text, p{  
    color:#6CDA9E  
}
```

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 #6CDA9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CDA9E
}
```

## Border

The CSS property to change the border of an element to Hex 6CDA9E 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
#6CDA9E }
```

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

```
.border{ border-color:#6CDA9E }
```

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

Here you see how a box with a 4 pixel #6CDA9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CDA9E; -webkit-box-shadow:4px 4px  
4px 4px #6CDA9E; box-shadow:4px 4px 4px  
4px #6CDA9E }
```

# Background

The CSS property to change the background color of an element to Hex 6CDA9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CDA9E }
```

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

```
.background{ background-color:#6CDA9E }
```

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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