

# Converting Colors

Hex(6DAA82)

Have a look what the booklet for  
Hex(6DAA82) contains.

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# **Color**

**Hex(6DAA82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DAA82
RGB	109, 170, 130
RGB Percent	43%, 67%, 51%
CMY	0.5725, 0.3333, 0.4902
CMYK	0.36, 0.00, 0.24, 0.33
HSL	141°, 26%, 55%
HSV	141°, 36%, 67%
XYZ	24.7107, 33.6124, 26.3045
YIQ	147.2010, -23.5160, -25.3720

# Conversions

## Conversions Part 2

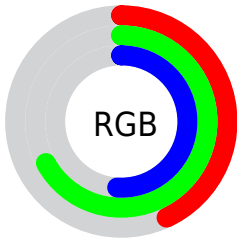
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 154, 170
Decimal	7187074
CIELab	64.65, -28.53, 14.50
CIElCh	65, 31.999, 153.063
Yxy	33.6124, 0.2920, 0.3972
Android (android.graphics.Color)	4285377154 (0xFF6DAA82)
YUV	147.2010, -8.4801, -33.5023
Hunter-Lab	57.9762, -25.3778, 13.6827

# Details

The Hex color **6DAA82** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA6D95**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A2E2B7**, and **3A7551** is the 20% darker color. If you saturate the color by 10%, you get **5CAA77**, and if you desaturate by 10%, it is **7EAA8D**.

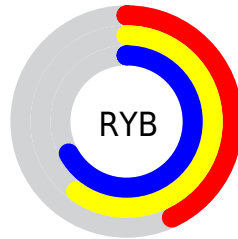
# Distribution



Red (43%)

Green (67%)

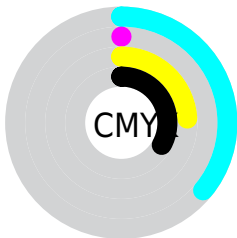
Blue (51%)



Red (43%)

Yellow (60%)

Blue (67%)

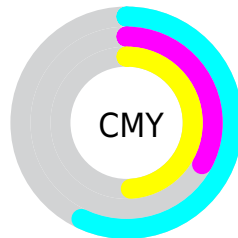


Cyan (36%)

Magenta (0%)

Yellow (24%)

Black (33%)



Cyan (57%)

Magenta (33%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DAA82 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 6DAA82 by changing the saturation by 10% instead.



 6DAA82

 6DAA82

FFFFFF

 538F69

 A2E2B7

 3A7551

 BEFED3

 205C39

 DAFFEF

 004424

 F7FFFF

 002D0F

 001900

 000000

 6DAA82

 6DAA82

 5CAA77

 7EAA8D

 4BAA6C

 8FAA98

 3AAA61

 A0AAA3

 29AA55

 B1AAAF

 18AA4A

 C2AABA

 07AA3F

 D3AAC5

 00AA3B

 E4AAD0

 F5AADB

 FFAAE6

# Harmonies

## Analogous

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



8FA46C



6DAA82



4AAC9F

# Triad

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



6DAA82



7A9FD6



D48A7F

# Complementary

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



6DAA82



AA6D95

# 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.



D4879B



6DAA82



A494CD

# Square

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



6DAA82



4DA7CF



C48BB7



C6926B

# Rectangle

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



6DAA82



39ACB2



C48BB7



D58888



# Sweetspot

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



6DAA82



C5DECE



96AA6D



627067



F0F0F0



707070



# Same Dimension

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



6DAA82



7EDE9F



6DAAA0



4C544F



009433



001407



# Inverse Universe

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



AA6D95



DE7EBD



AA6D77



544C51



940061



14000D



# Previews

## White Background



This preview shows how the Hex color 6DAA82 looks on a white background.

## Color Contrast Check

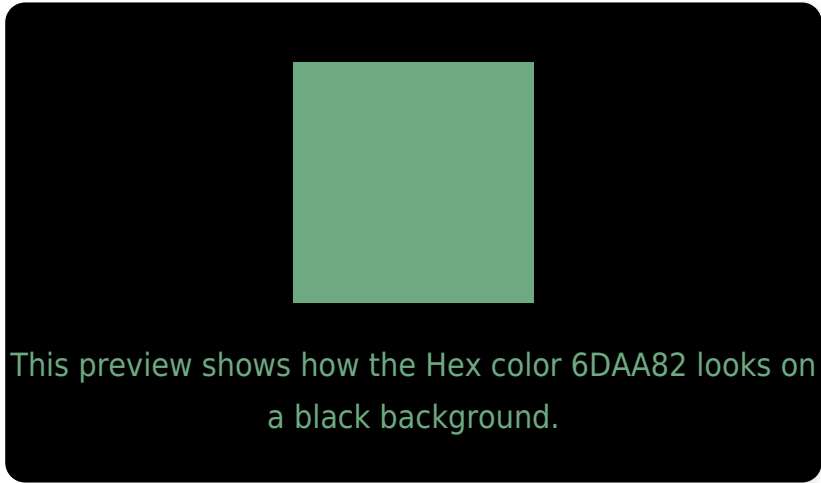
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

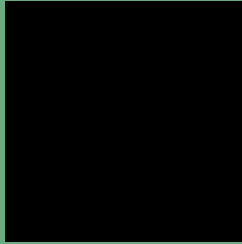
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6DAA82 Background



This preview shows how black text looks on a background with the Hex color 6DAA82.

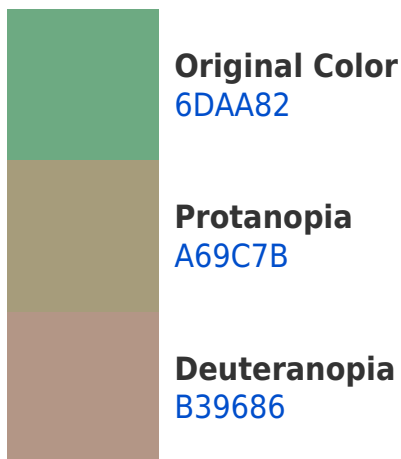


This preview shows how white text looks on a background with the Hex color 6DAA82.

# 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](#).

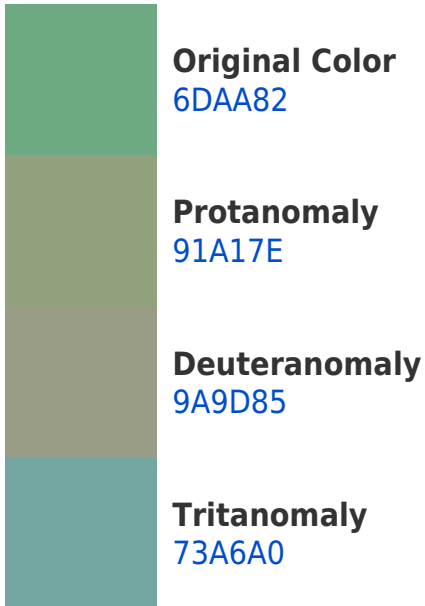
## Dichromacy



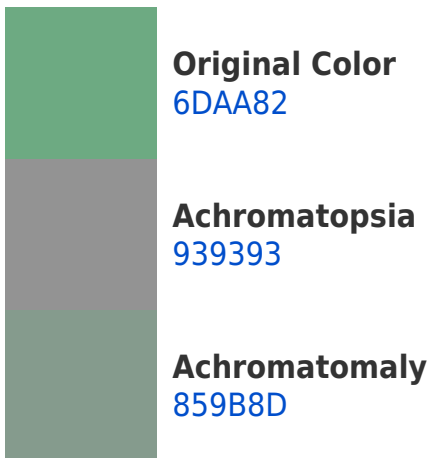


**Tritanopia**  
77A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DAA82 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 #6DAA82 looks like.

```
.text, #text, p{  
    color:#6DAA82  
}
```

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 #6DAA82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DAA82
}
```

## Border

The CSS property to change the border of an element to Hex 6DAA82 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
#6DAA82 }
```

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

```
.border{ border-color:#6DAA82 }
```

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

Here you see how a box with a 4 pixel #6DAA82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DAA82; -webkit-box-shadow:4px 4px  
4px 4px #6DAA82; box-shadow:4px 4px 4px  
4px #6DAA82 }
```

# Background

The CSS property to change the background color of an element to Hex 6DAA82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DAA82 }
```

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

```
.background{ background-color:#6DAA82 }
```

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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