

# Converting Colors

Hex(66A983)

Have a look what the booklet for  
Hex(66A983) contains.

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**Color**

**Hex(66A983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66A983
RGB	102, 169, 131
RGB Percent	40%, 66%, 51%
CMY	0.6000, 0.3373, 0.4863
CMYK	0.40, 0.00, 0.22, 0.34
HSL	146°, 28%, 53%
HSV	146°, 40%, 66%
XYZ	23.7642, 32.8394, 26.5589
YIQ	144.6350, -27.7340, -26.0220

# Conversions

## Conversions Part 2

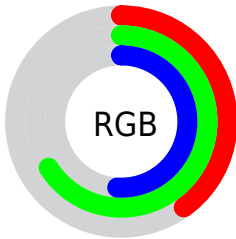
Format	Color
<a href="#">RYB</a>	<a href="#">102, 149, 169</a>
Decimal	<a href="#">6728067</a>
CIELab	<a href="#">64.03, -29.97, 13.02</a>
CIELCh	<a href="#">64, 32.675, 156.515</a>
Yxy	<a href="#">32.8394, 0.2858, 0.3949</a>
Android (android.graphics.Color)	<a href="#">4284918147 (0xFF66A983)</a>
YUV	<a href="#">144.6350, -6.7221, -37.3909</a>
Hunter-Lab	<a href="#">57.3057, -26.2625, 12.6355</a>

# Details

The Hex color **66A983** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A9668C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9CE1B8**, and **327452** is the 20% darker color. If you saturate the color by 10%, you get **55A979**, and if you desaturate by 10%, it is **77A98D**.

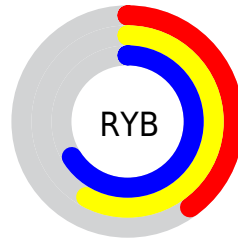
# Distribution



Red (40%)

Green (66%)

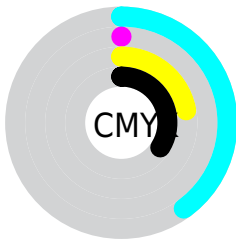
Blue (51%)



Red (40%)

Yellow (58%)

Blue (66%)

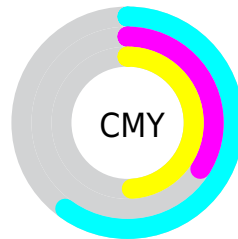


Cyan (40%)

Magenta (0%)

Yellow (22%)

Black (34%)



Cyan (60%)

Magenta (34%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66A983 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 66A983 by changing the saturation by 10% instead.





66A983



66A983

FFFFFF



4C8E6A



9CE1B8



327452



B7FDD4



155B3A



D4FFF0



004325



F0FFFF



002C10



001700



000000



66A983



66A983



55A979



77A98D

■ 44A970

■ 88A996

■ 33A966

■ 99A9A0

■ 22A95D

■ AAA9A9

■ 11A953

■ BAA9B3

■ 01A949

■ CBA9BD

■ 00A949

■ DCA9C6

■ EDA9D0

■ FEA9D9

# Harmonies

## Analogous

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



89A46B



66A983



42ABA1

# Triad

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



66A983



7D9CD5



D2897A

# Complementary

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



66A983



A9668C

# 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.



D48596



66A983



A791CA

# Square

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



66A983



4DA4D0



C588B3



C29166

# Rectangle

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



66A983



30AAB4



C588B3



D48783



# Sweetspot

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



66A983



C1DBCC



8DA966



5E6E65



EDEDED



6E6E6E



# Same Dimension

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



66A983



72DBA0



66A9A3



4C544F



009440



001409



# Inverse Universe

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



A9668C



DB72AE



A9666C



544C51



940054



14000C



# Previews

## White Background



This preview shows how the Hex color 66A983 looks on a white background.

## Color Contrast Check

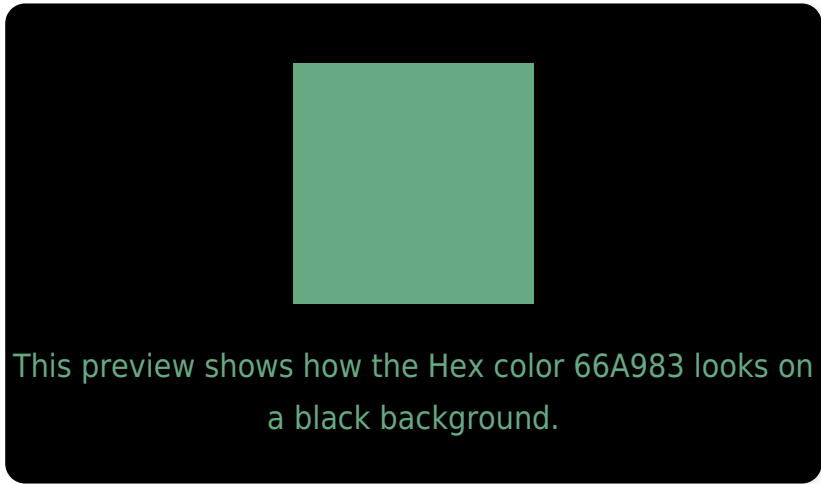
Large Text (above 18pt) WCAG AA × Fail

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

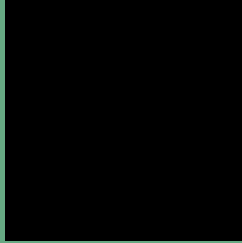
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 66A983 Background



This preview shows how black text looks on a background with the Hex color 66A983.

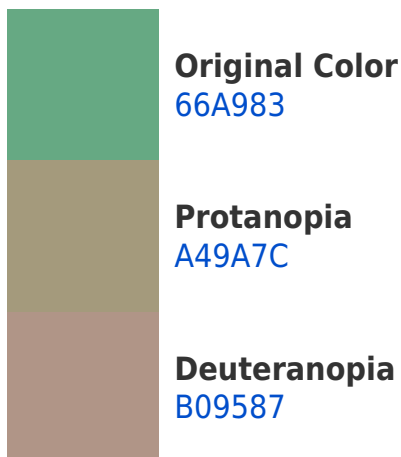


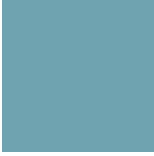
This preview shows how white text looks on a background with the Hex color 66A983.

# 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](#).

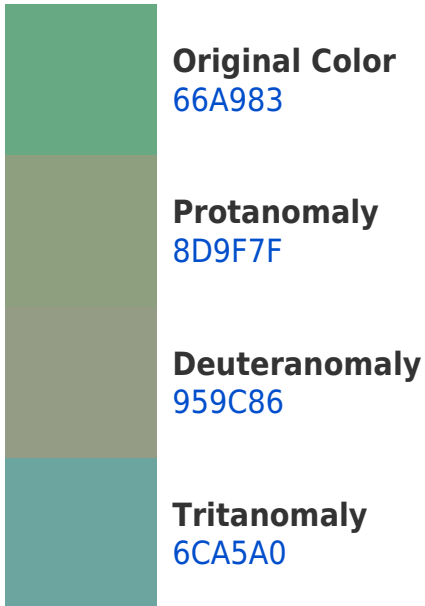
## Dichromacy



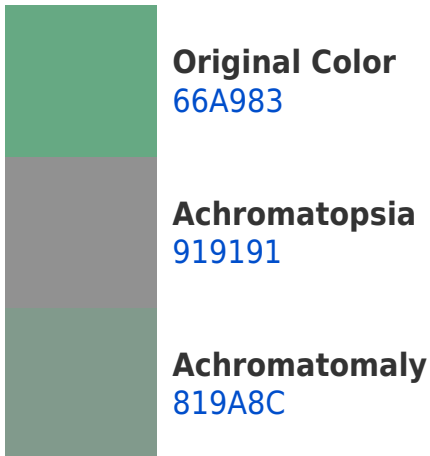


**Tritanopia**  
70A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66A983 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 #66A983 looks like.

```
.text, #text, p{  
    color:#66A983  
}
```

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 #66A983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A983
}
```

## Border

The CSS property to change the border of an element to Hex 66A983 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
#66A983 }
```

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

```
.border{ border-color:#66A983 }
```

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

Here you see how a box with a 4 pixel #66A983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A983; -webkit-box-shadow:4px 4px  
4px 4px #66A983; box-shadow:4px 4px 4px  
4px #66A983 }
```

# Background

The CSS property to change the background color of an element to Hex 66A983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A983 }
```

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

```
.background{ background-color:#66A983 }
```

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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