

Converting Colors

Hex(61A985)

Have a look what the booklet for
Hex(61A985) contains.

Hex(61A985)	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(61A985)

Conversions

Conversions Part 1

Format	Color
Hex	61A985
RGB	97, 169, 133
RGB Percent	38%, 66%, 52%
CMY	0.6196, 0.3373, 0.4784
CMYK	0.43, 0.00, 0.21, 0.34
HSL	150°, 30%, 52%
HSV	150°, 43%, 66%
XYZ	23.3514, 32.6108, 27.2541
YIQ	143.3680, -31.3560, -26.4600

Conversions

Conversions Part 2

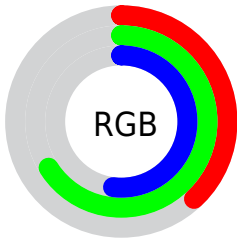
Format	Color
RYB	97, 145, 169
Decimal	6400389
CIELab	63.84, -31.00, 11.62
CIELCh	64, 33.107, 159.454
Yxy	32.6108, 0.2806, 0.3919
Android (android.graphics.Color)	4284590469 (0xFF61A985)
YUV	143.3680, -5.1114, -40.6647
Hunter-Lab	57.1058, -26.9441, 11.6776

Details

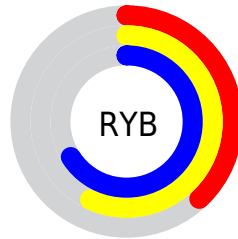
The Hex color **61A985** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A96185**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **97E1BA**, and **2C7453** is the 20% darker color. If you saturate the color by 10%, you get **50A97D**, and if you desaturate by 10%, it is **72A98D**.

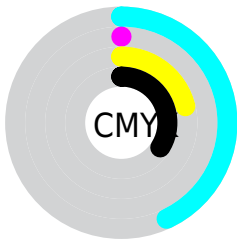
Distribution



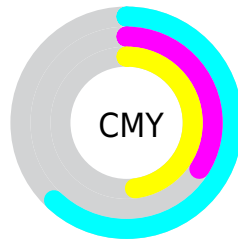
- Red (38%)
- Green (66%)
- Blue (52%)



- Red (38%)
- Yellow (57%)
- Blue (66%)



- Cyan (43%)
- Magenta (0%)
- Yellow (21%)
- Black (34%)



- Cyan (62%)
- Magenta (34%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61A985 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 61A985 by changing the saturation by 10% instead.

 61A985

 61A985

FFFFFF

 478E6C

 97E1BA

 2C7453

 B3FDD6

 0B5B3C

 CFFFF2

 004326

 ECFE99

 002C12

 001600

 000000

 61A985

 61A985

 50A97D

 72A98D

 3FA974

 83A996

 2EA96C

 94A99E

 1DA963

 A5A9A7

 0DA95B

 B5A9AF

 00A954

 C6A9B8

 D7A9C0

 E8A9C9

 F9A9D1

Harmonies

Analogous

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



85A46C



61A985



3CABA3

Triad

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



61A985



809AD5



D18977

Complementary

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



61A985



A96185

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.



D48492



61A985



AA90C8

Square

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



61A985



50A3D1



C787B0



C09264

Rectangle

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



61A985



2BAAB7



C787B0



D4867F

Sweetspot

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



61A985



BFDBCD



85A961



5C6E65



EDEDED



6E6E6E

Same Dimension

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



61A985



6BDBA3



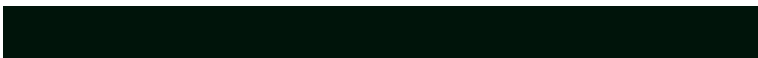
61A9A9



4C5450



00944A



00140A

Inverse Universe

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



A96185



DB6BA3



A96161



544C50



94004A



14000A

Previews

White Background



This preview shows how the Hex color 61A985 looks on a white background.

Color Contrast Check

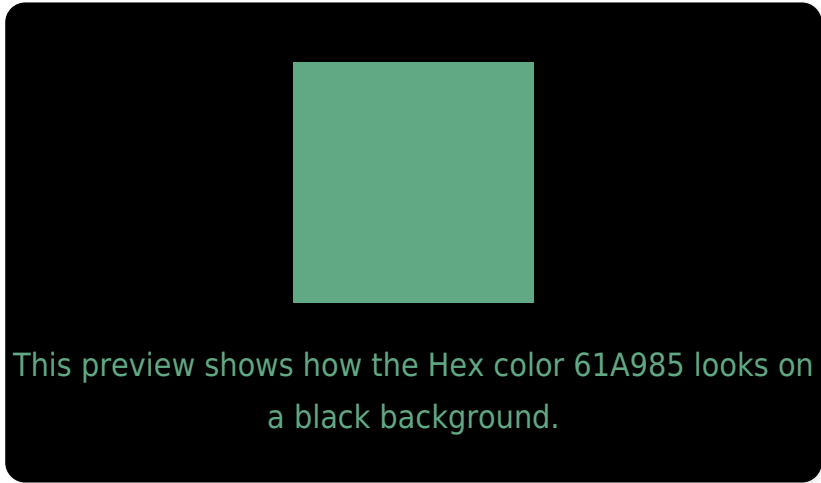
Large Text (above 18pt) WCAG AA × Fail

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

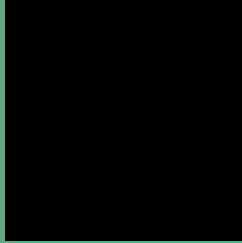
Any Text WCAG AA ✓ Pass

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 61A985 Background



This preview shows how black text looks on a background with the Hex color 61A985.

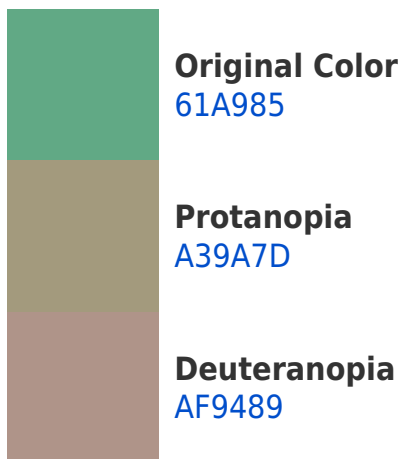


This preview shows how white text looks on a background with the Hex color 61A985.

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



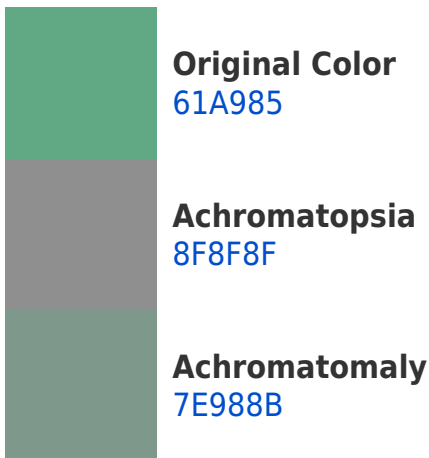


Tritanopia
6BA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61A985 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 #61A985 looks like.

```
.text, #text, p{  
    color:#61A985  
}
```

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 #61A985 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A985
}
```

Border

The CSS property to change the border of an element to Hex 61A985 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
#61A985 }
```

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

```
.border{ border-color:#61A985 }
```

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

Here you see how a box with a 4 pixel #61A985 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A985; -webkit-box-shadow:4px 4px  
4px 4px #61A985; box-shadow:4px 4px 4px  
4px #61A985 }
```

Background

The CSS property to change the background color of an element to Hex 61A985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A985 }
```

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

```
.background{ background-color:#61A985 }
```

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