

Converting Colors

Hex(99986A)

Have a look what the booklet for
Hex(99986A) contains.

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Color

Hex(99986A)

Conversions

Conversions Part 1

Format	Color
Hex	99986A
RGB	153, 152, 106
RGB Percent	60%, 60%, 42%
CMY	0.4000, 0.4039, 0.5843
CMYK	0.00, 0.01, 0.31, 0.40
HSL	59°, 19%, 51%
HSV	59°, 31%, 60%
XYZ	26.9666, 30.2694, 18.0570
YIQ	147.0550, 15.3620, -14.0940

Conversions

Conversions Part 2

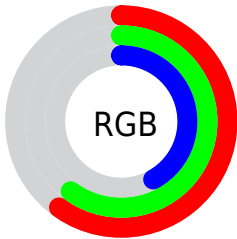
Format	Color
RYB	107, 153, 106
Decimal	10066026
CIELab	61.89, -7.17, 24.40
CIELCh	62, 25.435, 106.366
Yxy	30.2694, 0.3582, 0.4020
Android (android.graphics.Color)	4288256106 (0xFF99986A)
YUV	147.0550, -20.2401, 5.2138
Hunter-Lab	55.0176, -8.7899, 19.0532

Details

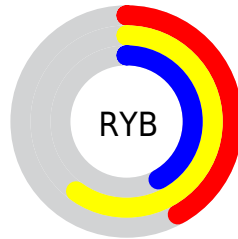
The Hex color **99986A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6A6B99**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D0CE9E**, and **65653A** is the 20% darker color. If you saturate the color by 10%, you get **99985B**, and if you desaturate by 10%, it is **999879**.

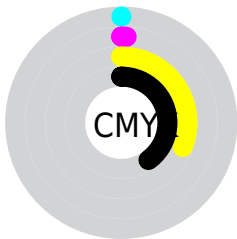
Distribution



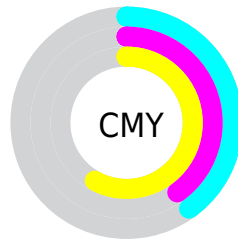
- Red (60%)
- Green (60%)
- Blue (42%)



- Red (42%)
- Yellow (60%)
- Blue (42%)



- Cyan (0%)
- Magenta (1%)
- Yellow (31%)
- Black (40%)



- Cyan (40%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99986A 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 99986A by changing the saturation by 10% instead.

 99986A

 99986A

FFFFFF

 7F7E52

 D0CE9E

 65653A

 ECEAB9

 4D4D24

 FFFFD5

 35370E

 FFFFF1

 202100

 000C00

 000000

 99986A

 99986A

 99985B

 999879

99974B

999989

99973C

999998

99972D

9999A7

99961E

999AB7

99960E

999AC6

999600

999AD5

999BE4

999BF4

Harmonies

Analogous

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



AF916A



99986A



7F9E76

Triad

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



99986A



53A0B5



BC86A1

Complementary

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



99986A



6A6B99

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.



A88CB5



99986A



6A9BC1

Square

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



99986A



53A2A1



8B93C1



C3858A

Rectangle

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



99986A



6EA083



8B93C1



B687A8

Sweetspot

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



99986A



C7C7B5



996A6C



636359



E3E3E3



636363

Same Dimension

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



99986A



C7C57D



83996A



4D4C45



8C8900



0D0C00

Inverse Universe

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



6A6B99



7D7FC7



806A99



45454D



00038C



00000D

Previews

White Background



This preview shows how the Hex color 99986A looks on a white background.

Color Contrast Check

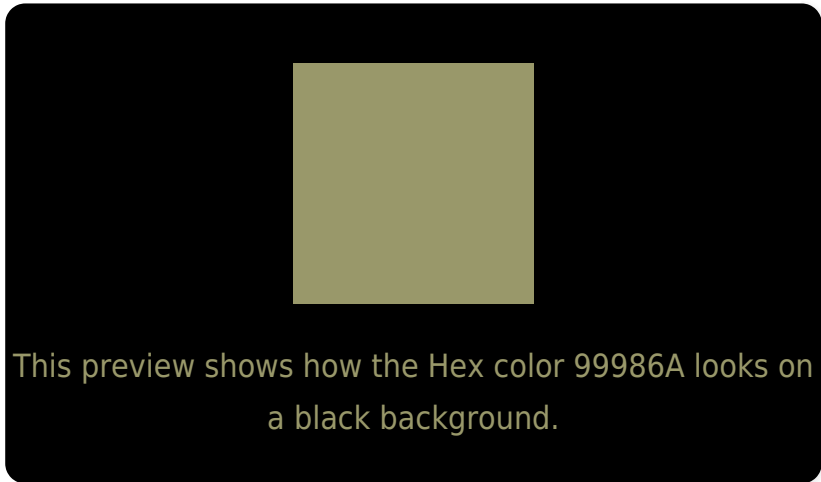
Large Text (above 18pt) WCAG AA × Fail

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

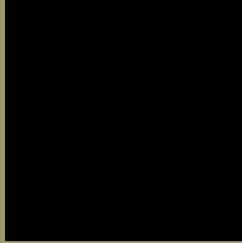
Any Text WCAG AA ✓ Pass

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 99986A Background



This preview shows how black text looks on a background with the Hex color 99986A.



This preview shows how white text looks on a background with the Hex color 99986A.

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



Original Color
99986A

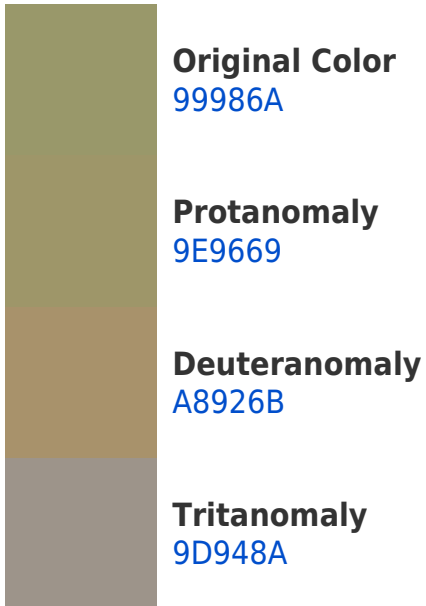
Protanopia
A19569

Deuteranopia
B18F6C

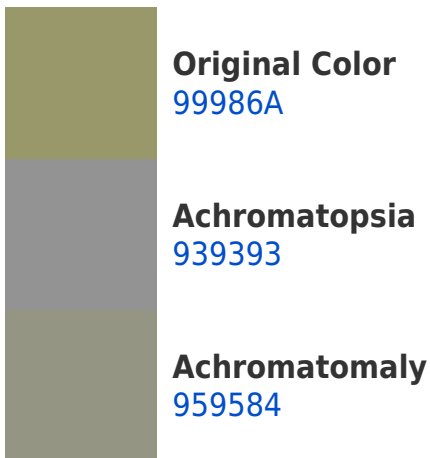


Tritanopia
9F919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99986A 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 #99986A looks like.

```
.text, #text, p{  
    color:#99986A  
}
```

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 #99986A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99986A
}
```

Border

The CSS property to change the border of an element to Hex 99986A 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
#99986A }
```

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

```
.border{ border-color:#99986A }
```

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

Here you see how a box with a 4 pixel #99986A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99986A; -webkit-box-shadow:4px 4px  
4px 4px #99986A; box-shadow:4px 4px 4px  
4px #99986A }
```

Background

The CSS property to change the background color of an element to Hex 99986A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99986A }
```

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

```
.background{ background-color:#99986A }
```

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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