

Converting Colors

Hex(99836D)

Have a look what the booklet for
Hex(99836D) contains.

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Color

Hex(99836D)

Conversions

Conversions Part 1

Format	Color
Hex	99836D
RGB	153, 131, 109
RGB Percent	60%, 51%, 43%
CMY	0.4000, 0.4863, 0.5725
CMYK	0.00, 0.14, 0.29, 0.40
HSL	30°, 18%, 51%
HSV	30°, 29%, 60%
XYZ	24.0135, 24.1090, 17.8559
YIQ	135.0700, 20.1740, -2.1780

Conversions

Conversions Part 2

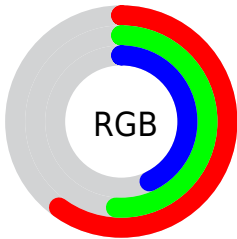
Format	Color
R_{YB}	153, 153, 109
Decimal	10060653
CIE _{Lab}	56.20, 4.90, 15.01
CIE _{LCh}	56, 15.784, 71.930
Yxy	24.1090, 0.3640, 0.3654
Android (android.graphics.Color)	4288250733 (0xFF99836D)
YUV	135.0700, -12.8525, 15.7246
Hunter-Lab	49.1009, 1.3712, 12.8095

Details

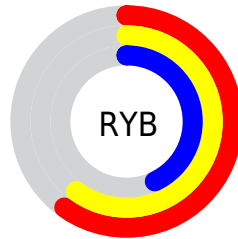
The Hex color **99836D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **6D8399**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D0B8A1**, and **65523D** is the 20% darker color. If you saturate the color by 10%, you get **997B5E**, and if you desaturate by 10%, it is **998B7C**.

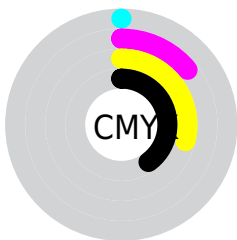
Distribution



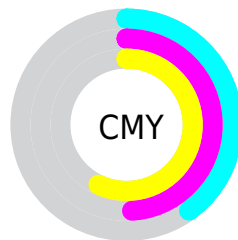
- Red (60%)
- Green (51%)
- Blue (43%)



- Red (60%)
- Yellow (60%)
- Blue (43%)



- Cyan (0%)
- Magenta (14%)
- Yellow (29%)
- Black (40%)



- Cyan (40%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99836D 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 99836D by changing the saturation by 10% instead.



99836D



99836D

FFFFFF



7F6A55



D0B8A1



65523D



ECD4BC



4D3B27



FFF0D7



352513



FFFFF4



201100



000000



99836D



99836D



997B5E



998B7C



99744E



99928C

 996C3F

 999A9B

 996430

 99A2AA

 995D20

 99A9BA

 995511

 99B1C9

 994D02

 99B9D8

 994C00

 99C0E7

 99C8F7

Harmonies

Analogous

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



A27F75



99836D



8C886C

Triad

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



99836D



638F8C



90819B

Complementary

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



99836D



6D8399

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.



7E86A1



99836D



638D99

Square

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



99836D



6D8E7E



6D8AA0



9D7E90

Rectangle

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



99836D



818A6F



6D8AA0



8A839E

Sweetspot

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



99836D



C7BEB5



996D83



635E59



E3E3E3



636363

Same Dimension

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



99836D



C7A481



99986D



4D4945



8C4600



0D0600

Inverse Universe

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



6D8399



81A4C7



6D6D99



45494D



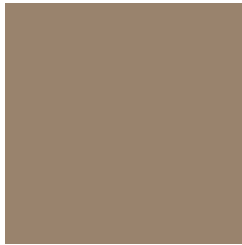
00468C



00060D

Previews

White Background



This preview shows how the Hex color 99836D looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 99836D Background



This preview shows how black text looks on a background with the Hex color 99836D.



This preview shows how white text looks on a background with the Hex color 99836D.

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
99836D

Protanopia
8F876F

Deuteranopia
9D826D



Tritanopia
9C7F89

Trichromacy



Original Color
99836D

Protanomaly
93866E

Deuteranomaly
9C826D

Tritanomaly
9B807F

Monochromacy



Original Color
99836D

Achromatopsia
878787

Achromatomaly
8E867E

CSS Examples

Text

The CSS property to change the color of the text to Hex 99836D 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 #99836D looks like.

```
.text, #text, p{  
    color:#99836D  
}
```

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 #99836D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99836D
}
```

Border

The CSS property to change the border of an element to Hex 99836D 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
#99836D }
```

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

```
.border{ border-color:#99836D }
```

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

Here you see how a box with a 4 pixel #99836D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99836D; -webkit-box-shadow:4px 4px  
4px 4px #99836D; box-shadow:4px 4px 4px  
4px #99836D }
```

Background

The CSS property to change the background color of an element to Hex 99836D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99836D }
```

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

```
.background{ background-color:#99836D }
```

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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