

Converting Colors

Hex(968D65)

Have a look what the booklet for
Hex(968D65) contains.

Hex(968D65)	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(968D65)

Conversions

Conversions Part 1

Format	Color
Hex	968D65
RGB	150, 141, 101
RGB Percent	59%, 55%, 40%
CMY	0.4118, 0.4471, 0.6039
CMYK	0.00, 0.06, 0.33, 0.41
HSL	49°, 20%, 49%
HSV	49°, 33%, 59%
XYZ	24.4515, 26.4734, 16.1331
YIQ	139.1310, 18.2040, -10.5320

Conversions

Conversions Part 2

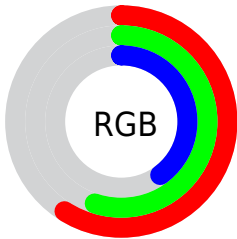
Format	Color
RYB	112, 150, 101
Decimal	9866597
CIELab	58.48, -3.05, 22.59
CIELCh	58, 22.794, 97.693
Yxy	26.4734, 0.3646, 0.3948
Android (android.graphics.Color)	4288056677 (0xFF968D65)
YUV	139.1310, -18.7986, 9.5321
Hunter-Lab	51.4523, -5.2134, 17.4260

Details

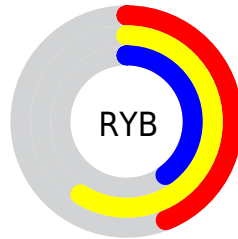
The Hex color **968D65** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **656E96**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **CDC398**, and **625B36** is the 20% darker color. If you saturate the color by 10%, you get **968A56**, and if you desaturate by 10%, it is **969074**.

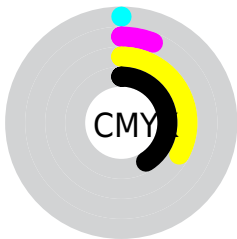
Distribution



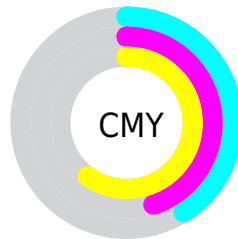
- Red (59%)
- Green (55%)
- Blue (40%)



- Red (44%)
- Yellow (59%)
- Blue (40%)



- Cyan (0%)
- Magenta (6%)
- Yellow (33%)
- Black (41%)



- Cyan (41%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 968D65 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 968D65 by changing the saturation by 10% instead.

 968D65

 968D65

FFFFFF

 7C744D

 CDC398

 625B36

 E9DEB3

 4A4420

 FFFBCF

 322E09

 FFFFEB

 1D1900

 000000

 968D65

 968D65

 968A56

 969074

 968747

 969383

 968538

 969592

 968229

 9698A1

 967F1A

 969BB0

 967C0B

 969EBF

 967A00

 96A0CE

 96A3DD

 96A6EC

Harmonies

Analogous

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



A88668



968D65



80936D

Triad

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



968D65



5197A4



AB809C

Complementary

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



968D65



656E96

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.



9686AC



968D65



6093B1

Square

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



968D65



569891



7B8DB4



B57E88

Rectangle

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



968D65



719677



7B8DB4



A582A2

Sweetspot

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



968D65



C2BEAE



96656F



615F55



E0E0E0



616161

Same Dimension

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



968D65



C2B476



879665



4A4943



8A7000



0A0800

Inverse Universe

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



656E96



7684C2



746596



43444A



00198A



00020A

Previews

White Background



This preview shows how the Hex color 968D65 looks on a white background.

Color Contrast Check

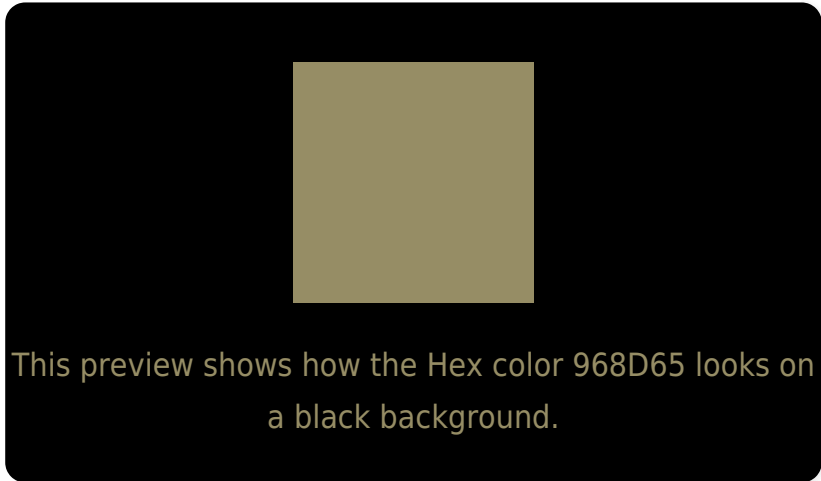
Large Text (above 18pt) WCAG AA ✓ Pass

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

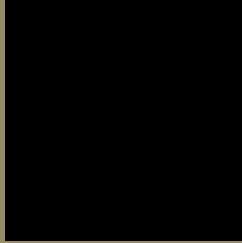
Any Text WCAG AA ✓ Pass

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 968D65 Background



This preview shows how black text looks on a background with the Hex color 968D65.



This preview shows how white text looks on a background with the Hex color 968D65.

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
968D65

Protanopia
978D65

Deuteranopia
A78766



Tritanopia
9B8792

Trichromacy



Original Color
968D65

Protanomaly
978D65

Deuteranomaly
A18966

Tritanomaly
998982

Monochromacy



Original Color
968D65

Achromatopsia
8B8B8B

Achromatomaly
8F8C7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 968D65 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 #968D65 looks like.

```
.text, #text, p{  
    color:#968D65  
}
```

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 #968D65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968D65
}
```

Border

The CSS property to change the border of an element to Hex 968D65 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
#968D65 }
```

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

```
.border{ border-color:#968D65 }
```

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

Here you see how a box with a 4 pixel #968D65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968D65; -webkit-box-shadow:4px 4px  
4px 4px #968D65; box-shadow:4px 4px 4px  
4px #968D65 }
```

Background

The CSS property to change the background color of an element to Hex 968D65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968D65 }
```

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

```
.background{ background-color:#968D65 }
```

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