

Converting Colors

Hex(9D8650)

Have a look what the booklet for
Hex(9D8650) contains.

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Color

Hex(9D8650)

Conversions

Conversions Part 1

Format	Color
Hex	9D8650
RGB	157, 134, 80
RGB Percent	62%, 53%, 31%
CMY	0.3843, 0.4745, 0.6863
CMYK	0.00, 0.15, 0.49, 0.38
HSL	42°, 32%, 46%
HSV	42°, 49%, 62%
XYZ	23.8777, 24.7975, 11.1173
YIQ	134.7210, 31.0420, -11.9180

Conversions

Conversions Part 2

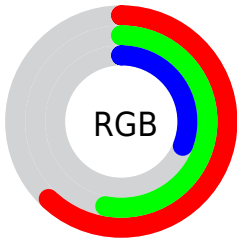
Format	Color
RYB	113, 157, 80
Decimal	10323536
CIELab	56.88, 1.36, 32.17
CIELCh	57, 32.202, 87.572
Yxy	24.7975, 0.3993, 0.4147
Android (android.graphics.Color)	4288513616 (0xFF9D8650)
YUV	134.7210, -26.9775, 19.5387
Hunter-Lab	49.7971, -1.5541, 21.6213

Details

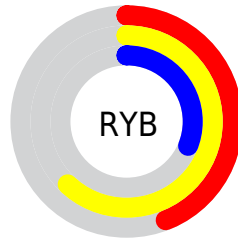
The Hex color **9D8650** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **50679D**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D5BB82**, and **685521** is the 20% darker color. If you saturate the color by 10%, you get **9D8140**, and if you desaturate by 10%, it is **9D8B60**.

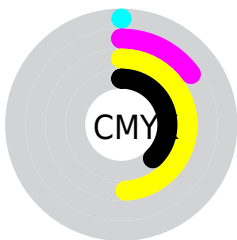
Distribution



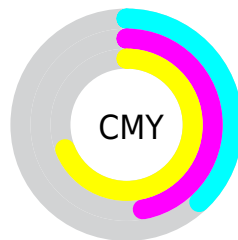
- Red (62%)
- Green (53%)
- Blue (31%)



- Red (44%)
- Yellow (62%)
- Blue (31%)



- Cyan (0%)
- Magenta (15%)
- Yellow (49%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D8650 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 9D8650 by changing the saturation by 10% instead.

 9D8650

 9D8650

FFFFFF

 826D38

 D5BB82

 685521

 F2D79D

 4E3E0A

 FFF3B8

 362800

 FFFFD4

 1E1400

 FFFFF0

 000000

 9D8650

 9D8650

 9D8140

 9D8B60

 9D7D31

 9D8F6F

 9D7821

 9D947F

 9D7311

 9D998F

 9D6F01

 9D9D9F

 9D6E00

 9DA2AE

 9DA7BE

 9DACCE

 9DB0DD

Harmonies

Analogous

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



B37C5A



9D8650



808F56

Triad

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



9D8650



0E97A1



AA78A7

Complementary

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



9D8650



50679D

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.



8882BA



9D8650



2893B7

Square

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



9D8650



399785



5C8CC0



BC738C

Rectangle

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



9D8650



6B9362



5C8CC0



A07BAF

Sweetspot

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



9D8650



CCC3AD



9D5067



666154



E6E6E6



666666

Same Dimension

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



9D8650



CCA854



8E9D50



4F4D47



8F6400



0F0B00

Inverse Universe

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



50679D



5478CC



5F509D



474A4F



002B8F



00050F

Previews

White Background



This preview shows how the Hex color 9D8650 looks on a white background.

Color Contrast Check

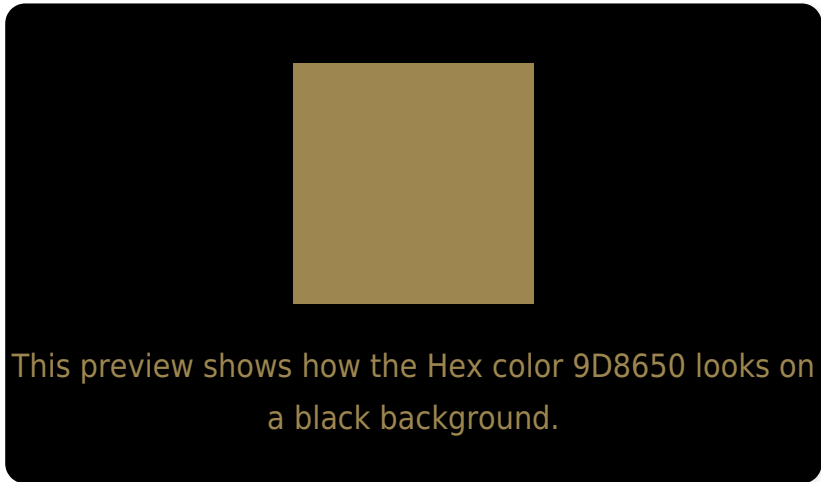
Large Text (above 18pt) WCAG AA ✓ Pass

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

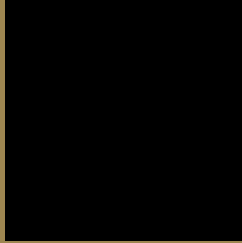
Any Text WCAG AA ✓ Pass

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 9D8650 Background



This preview shows how black text looks on a background with the Hex color 9D8650.



This preview shows how white text looks on a background with the Hex color 9D8650.

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
9D8650

Protanopia
968951

Deuteranopia
A68251



Tritanopia
A27F89

Trichromacy



Original Color
9D8650

Protanomaly
998851

Deuteranomaly
A38351

Tritanomaly
A08274

Monochromacy



Original Color
9D8650

Achromatopsia
878787

Achromatomaly
8F8773

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D8650 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 #9D8650 looks like.

```
.text, #text, p{  
    color:#9D8650  
}
```

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 #9D8650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D8650  
}
```

Border

The CSS property to change the border of an element to Hex 9D8650 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  
#9D8650 }
```

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

```
.border{ border-color:#9D8650 }
```

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

Here you see how a box with a 4 pixel #9D8650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D8650; -webkit-box-shadow:4px 4px  
4px 4px #9D8650; box-shadow:4px 4px 4px  
4px #9D8650 }
```

Background

The CSS property to change the background color of an element to Hex 9D8650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D8650 }
```

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

```
.background{ background-color:#9D8650 }
```

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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