

Converting Colors

Hex(9E9250)

Have a look what the booklet for
Hex(9E9250) contains.

Hex(9E9250)	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(9E9250)

Conversions

Conversions Part 1

Format	Color
Hex	9E9250
RGB	158, 146, 80
RGB Percent	62%, 57%, 31%
CMY	0.3804, 0.4275, 0.6863
CMYK	0.00, 0.08, 0.49, 0.38
HSL	51°, 33%, 47%
HSV	51°, 49%, 62%
XYZ	25.8274, 28.4061, 11.7111
YIQ	142.0640, 28.3380, -17.9820

Conversions

Conversions Part 2

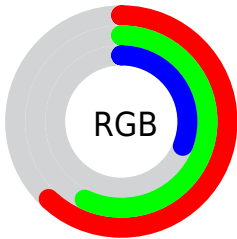
Format	Color
RYB	94, 158, 80
Decimal	10392144
CIELab	60.25, -4.83, 36.36
CIElCh	60, 36.677, 97.560
Yxy	28.4061, 0.3917, 0.4308
Android (android.graphics.Color)	4288582224 (0xFF9E9250)
YUV	142.0640, -30.5976, 13.9759
Hunter-Lab	53.2973, -6.7709, 24.2803

Details

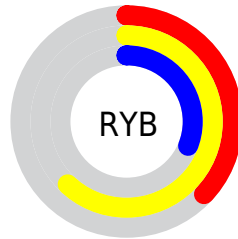
The Hex color **9E9250** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **505C9E**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D6C883**, and **696020** is the 20% darker color. If you saturate the color by 10%, you get **9E9040**, and if you desaturate by 10%, it is **9E9460**.

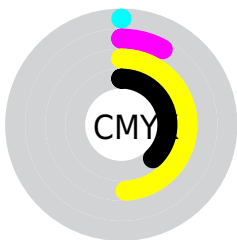
Distribution



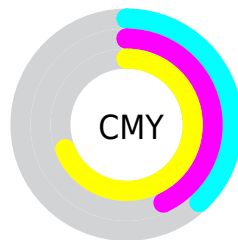
- Red (62%)
- Green (57%)
- Blue (31%)



- Red (37%)
- Yellow (62%)
- Blue (31%)



- Cyan (0%)
- Magenta (8%)
- Yellow (49%)
- Black (38%)



- Cyan (38%)
- Magenta (43%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E9250 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 9E9250 by changing the saturation by 10% instead.

 9E9250

 9E9250

FFFFFF

 837838

 D6C883

 696020

 F3E49D

 4F4806

 FFFF80

 373200

 FFFFD4

 1F1D00

 FFFFF1

 000200

 000000

 9E9250

 9E9250

 9E9040

 9E9460

 9E8D30

 9E9770

 9E8B21

 9E997F

 9E8811

 9E9C8F

 9E8601

 9E9E9F

 9E8600

 9EA1AF

 9EA3BF

 9EA5CE

 9EA8DE

Harmonies

Analogous

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



BA8756



9E9250



7B9B5D

Triad

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



9E9250



00A1B8



C07BAB

Complementary

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



9E9250



505C9E

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.



9F86C5



9E9250



2B9BCC

Square

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



9E9250



14A299



6E92D1



CF778A

Rectangle

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



9E9250



619F6D



6E92D1



B77EB4

Sweetspot

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



9E9250



CFCAB0



9E505D



696656



E8E8E8



696969

Same Dimension

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



9E9250



CFBC55



849E50



4F4E47



8F7900



0F0D00

Inverse Universe

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



505C9E



5567CF



6A509E



47484F



00168F



00020F

Previews

White Background



This preview shows how the Hex color 9E9250 looks on a white background.

Color Contrast Check

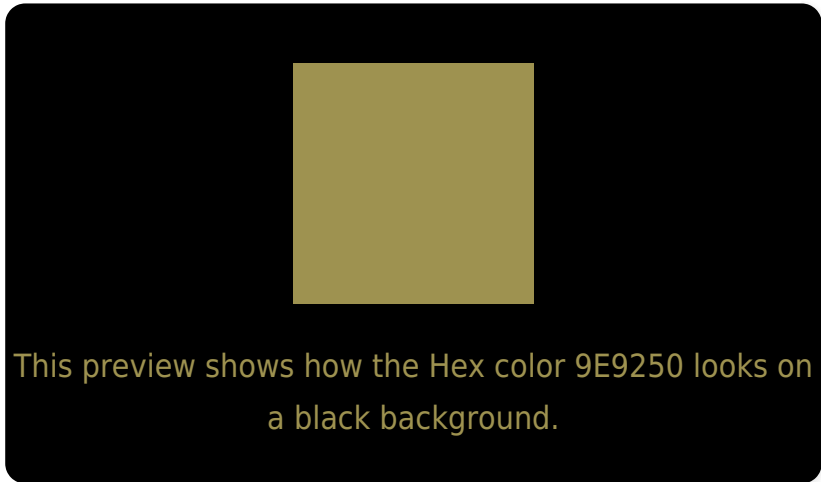
Large Text (above 18pt) WCAG AA ✓ Pass

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

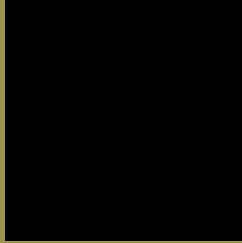
Any Text WCAG AA ✓ Pass

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 9E9250 Background



This preview shows how black text looks on a background with the Hex color 9E9250.



This preview shows how white text looks on a background with the Hex color 9E9250.

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
9E9250

Protanopia
A09150

Deuteranopia
B18B52



Tritanopia
A58A95

Trichromacy



Original Color
9E9250

Protanomaly
9F9150

Deuteranomaly
AA8E51

Tritanomaly
A28D7C

Monochromacy



Original Color
9E9250

Achromatopsia
8E8E8E

Achromatomaly
948F77

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E9250 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 #9E9250 looks like.

```
.text, #text, p{  
    color:#9E9250  
}
```

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 #9E9250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9250
}
```

Border

The CSS property to change the border of an element to Hex 9E9250 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
#9E9250 }
```

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

```
.border{ border-color:#9E9250 }
```

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

Here you see how a box with a 4 pixel #9E9250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9250; -webkit-box-shadow:4px 4px  
4px 4px #9E9250; box-shadow:4px 4px 4px  
4px #9E9250 }
```

Background

The CSS property to change the background color of an element to Hex 9E9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9250 }
```

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

```
.background{ background-color:#9E9250 }
```

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