

Converting Colors

Hex(9C8145)

Have a look what the booklet for
Hex(9C8145) contains.

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Color

Hex(9C8145)

Conversions

Conversions Part 1

Format	Color
Hex	9C8145
RGB	156, 129, 69
RGB Percent	61%, 51%, 27%
CMY	0.3882, 0.4941, 0.7294
CMYK	0.00, 0.17, 0.56, 0.39
HSL	41°, 39%, 44%
HSV	41°, 56%, 61%
XYZ	22.6347, 23.1981, 8.9149
YIQ	130.2330, 35.3520, -12.9360

Conversions

Conversions Part 2

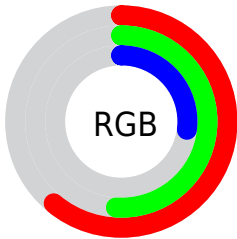
Format	Color
RYB	108, 156, 69
Decimal	10256709
CIELab	55.28, 2.70, 36.04
CIELCh	55, 36.144, 85.722
Yxy	23.1981, 0.4134, 0.4237
Android (android.graphics.Color)	4288446789 (0xFF9C8145)
YUV	130.2330, -30.1879, 22.5977
Hunter-Lab	48.1644, -0.4021, 22.7409

Details

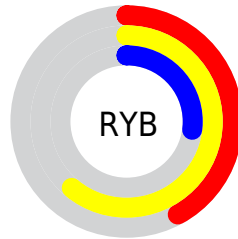
The Hex color **9C8145** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **45609C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **D4B677**, and **665016** is the 20% darker color. If you saturate the color by 10%, you get **9C7C35**, and if you desaturate by 10%, it is **9C8655**.

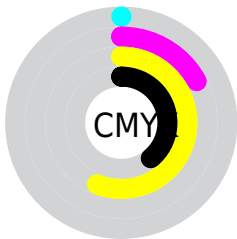
Distribution



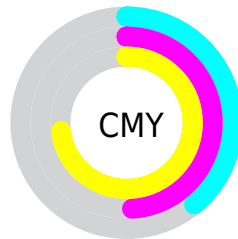
- Red (61%)
- Green (51%)
- Blue (27%)



- Red (42%)
- Yellow (61%)
- Blue (27%)



- Cyan (0%)
- Magenta (17%)
- Yellow (56%)
- Black (39%)



- Cyan (39%)
- Magenta (49%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C8145 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 9C8145 by changing the saturation by 10% instead.

 9C8145

 9C8145

FFFFFF

 81682D

 D4B677

 665016

 F2D191

 4D3900

 FFEDAC

 342400

 FFFFC7

 1B0F00

 FFFFE4

 000000

 9C8145

 9C8145

 9C7C35

 9C8655

 9C7726

 9C8B64

 9C7216

 9C9074

 9C6E07

 9C9483

 9C6C00

 9C9993

 9C9EA3

 9CA3B2

 9CA8C2

 9CADD1

Harmonies

Analogous

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



B47652



9C8145



7D8B4A

Triad

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



9C8145



00949E



A772A8

Complementary

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



9C8145



45609C

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.



817EBD



9C8145



0091B7

Square

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



9C8145



23947F



4989C2



BC6B8A

Rectangle

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



9C8145



658F57



4989C2



9C76B0

Sweetspot

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



9C8145



CCC1A9



9C4561



666052



E6E6E6



666666

Same Dimension

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



9C8145



CCA243



8C9C45



4F4D47



8F6200



0F0B00

Inverse Universe

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



45609C



436ECC



55459C



474A4F



002C8F



00050F

Previews

White Background



This preview shows how the Hex color 9C8145 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 9C8145 Background



This preview shows how black text looks on a background with the Hex color 9C8145.



This preview shows how white text looks on a background with the Hex color 9C8145.

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
9C8145

Protanopia
928546

Deuteranopia
A37E46



Tritanopia
A17A83

Trichromacy



Original Color
9C8145

Protanomaly
968446

Deuteranomaly
A07F46

Tritanomaly
9F7D6C

Monochromacy



Original Color
9C8145

Achromatopsia
828282

Achromatomaly
8B826C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C8145 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 #9C8145 looks like.

```
.text, #text, p{  
    color:#9C8145  
}
```

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 #9C8145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8145
}
```

Border

The CSS property to change the border of an element to Hex 9C8145 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
#9C8145 }
```

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

```
.border{ border-color:#9C8145 }
```

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

Here you see how a box with a 4 pixel #9C8145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8145; -webkit-box-shadow:4px 4px  
4px 4px #9C8145; box-shadow:4px 4px 4px  
4px #9C8145 }
```

Background

The CSS property to change the background color of an element to Hex 9C8145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8145 }
```

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

```
.background{ background-color:#9C8145 }
```

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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