

Converting Colors

Hex(9C745A)

Have a look what the booklet for
Hex(9C745A) contains.

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Color

Hex(9C745A)

Conversions

Conversions Part 1

Format	Color
Hex	9C745A
RGB	156, 116, 90
RGB Percent	61%, 45%, 35%
CMY	0.3882, 0.5451, 0.6471
CMYK	0.00, 0.26, 0.42, 0.39
HSL	24°, 27%, 48%
HSV	24°, 42%, 61%
XYZ	21.8012, 20.2969, 12.4415
YIQ	124.9960, 32.1860, 0.3940

Conversions

Conversions Part 2

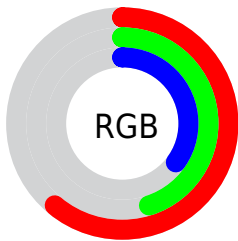
Format	Color
R_{YB}	156, 133, 90
Decimal	10253402
CIE _{Lab}	52.17, 12.23, 20.49
CIE _{LCh}	52, 23.856, 59.171
Yxy	20.2969, 0.3997, 0.3721
Android (android.graphics.Color)	4288443482 (0xFF9C745A)
YUV	124.9960, -17.2530, 27.1905
Hunter-Lab	45.0521, 7.5369, 15.1630

Details

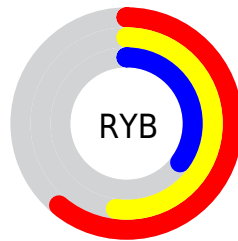
The Hex color **9C745A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5A829C**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **D4A88C**, and **67442C** is the 20% darker color. If you saturate the color by 10%, you get **9C6B4A**, and if you desaturate by 10%, it is **9C7D6A**.

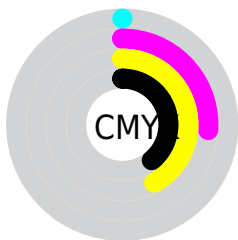
Distribution



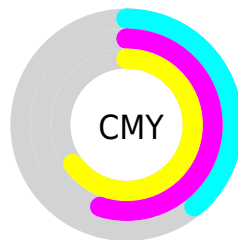
- Red (61%)
- Green (45%)
- Blue (35%)



- Red (61%)
- Yellow (52%)
- Blue (35%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)
- Black (39%)



- Cyan (39%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9C745A 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 9C745A by changing the saturation by 10% instead.

 9C745A

 9C745A

FFFFFF

 815B42

 D4A88C

 67442C

 F1C3A7

 4D2D17

 FFDFC2

 361800

 FFFCDE

 1F0000

 FFFFFB

 000000

 9C745A

 9C745A

 9C6B4A

 9C7D6A

 9C613B

 9C8779

 9C582B

 9C9089

 9C4E1C

 9C9A98

 9C450C

 9CA3A8

 9C3D00

 9CADB8

 9CB6C7

 9CC0D7

 9CC9E6

Harmonies

Analogous

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



A56F69



9C745A



8B7B54

Triad

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



9C745A



47887B



7F77A0

Complementary

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



9C745A



5A829C

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.



617FA5



9C745A



3B8790

Square

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



9C745A



5E8667



45849F



967192

Rectangle

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



9C745A



7D7F55



45849F



757AA3

Sweetspot

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



9C745A



CCBCB1



9C5A83



665C56



E6E6E6



666666

Same Dimension

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



9C745A



CC8D64



9C945A



4F4A47



8F3800



0F0600

Inverse Universe

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



5A829C



64A3CC



5A629C



474C4F



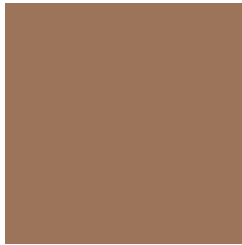
00578F



00090F

Previews

White Background



This preview shows how the Hex color 9C745A looks on a white background.

Color Contrast Check

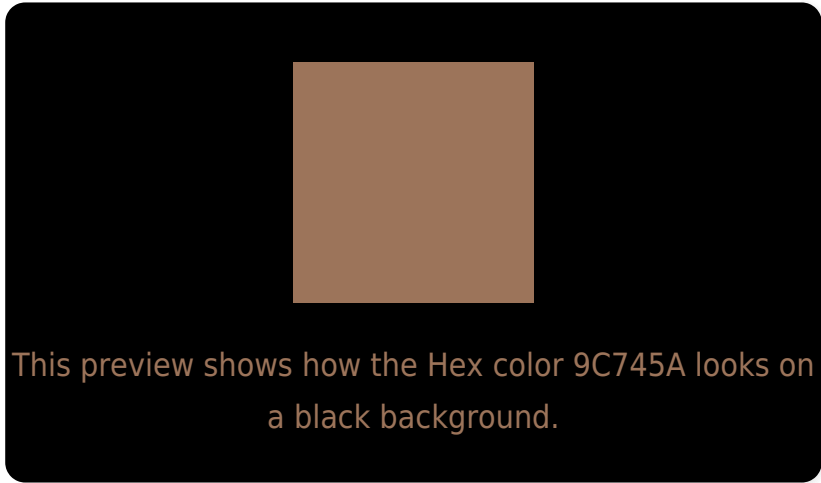
Large Text (above 18pt) WCAG AA ✓ Pass

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

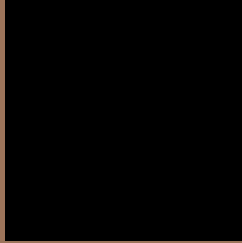
Any Text WCAG AA ✓ Pass

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 9C745A Background



This preview shows how black text looks on a background with the Hex color 9C745A.



This preview shows how white text looks on a background with the Hex color 9C745A.

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
9C745A

Protanopia
867D5E

Deuteranopia
947759



Tritanopia
9F7078

Trichromacy



Original Color
9C745A

Protanomaly
8E7A5D

Deuteranomaly
977659

Tritanomaly
9E716D

Monochromacy



Original Color
9C745A

Achromatopsia
7D7D7D

Achromatomaly
887A70

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C745A 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 #9C745A looks like.

```
.text, #text, p{  
    color:#9C745A  
}
```

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 #9C745A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C745A
}
```

Border

The CSS property to change the border of an element to Hex 9C745A 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
#9C745A }
```

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

```
.border{ border-color:#9C745A }
```

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

Here you see how a box with a 4 pixel #9C745A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C745A; -webkit-box-shadow:4px 4px  
4px 4px #9C745A; box-shadow:4px 4px 4px  
4px #9C745A }
```

Background

The CSS property to change the background color of an element to Hex 9C745A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C745A }
```

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

```
.background{ background-color:#9C745A }
```

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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