

Converting Colors

Hex(9B8170)

Have a look what the booklet for
Hex(9B8170) contains.

Hex(9B8170)	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(9B8170)

Conversions

Conversions Part 1

Format	Color
Hex	9B8170
RGB	155, 129, 112
RGB Percent	61%, 51%, 44%
CMY	0.3922, 0.4941, 0.5608
CMYK	0.00, 0.17, 0.28, 0.39
HSL	24°, 18%, 52%
HSV	24°, 28%, 61%
XYZ	24.2925, 23.8389, 18.6503
YIQ	134.8360, 20.9530, 0.2250

Conversions

Conversions Part 2

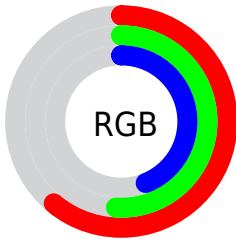
Format	Color
R_YB	155, 140, 112
Decimal	10191216
CIE _{Lab}	55.93, 7.28, 12.94
CIE _{LCh}	56, 14.847, 60.631
Yxy	23.8389, 0.3638, 0.3570
Android (android.graphics.Color)	4288381296 (0xFF9B8170)
YUV	134.8360, -11.2581, 17.6838
Hunter-Lab	48.8251, 3.3669, 11.5300

Details

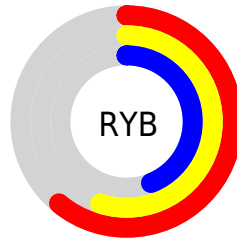
The Hex color **9B8170** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **708A9B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D2B6A4**, and **675040** is the 20% darker color. If you saturate the color by 10%, you get **9B7861**, and if you desaturate by 10%, it is **9B8A80**.

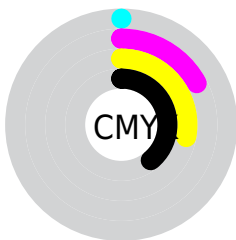
Distribution



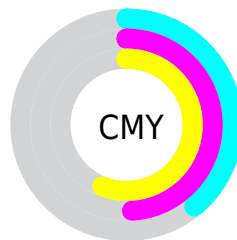
- Red (61%)
- Green (51%)
- Blue (44%)



- Red (61%)
- Yellow (55%)
- Blue (44%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (39%)



- Cyan (39%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B8170 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 9B8170 by changing the saturation by 10% instead.

 9B8170

 9B8170

FFFFFF

 816858

 D2B6A4

 675040

 EFD1BF

 4E392A

 FFEEDB

 372316

 FFFFF7

 220E00

 000000

 9B8170

 9B8170

 9B7861

 9B8A80

 9B6E51

 9B948F

 9B6542

 9B9D9F

 9B5C32

 9BA6AE

 9B5223

 9BB0BE

 9B4913

 9BB9CD

 9B3F04

 9BC3DC

 9B3D00

 9BCCEC

 9BD5FB

Harmonies

Analogous

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



A17E79



9B8170



90856C

Triad

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



9B8170



688E86



89839C

Complementary

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



9B8170



708A9B

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.



7887A0



9B8170



648D93

Square

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



9B8170



738C79



6A8B9C



977F93

Rectangle

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



9B8170



87886E



6A8B9C



83849E

Sweetspot

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



9B8170



C9C0B9



9B708B



66605C



E6E6E6



666666

Same Dimension

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



9B8170



C9A187



9B9670



4D4845



8C3700



0D0500

Inverse Universe

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



708A9B



87AFC9



70759B



45494D



00558C



00080D

Previews

White Background



This preview shows how the Hex color 9B8170 looks on a white background.

Color Contrast Check

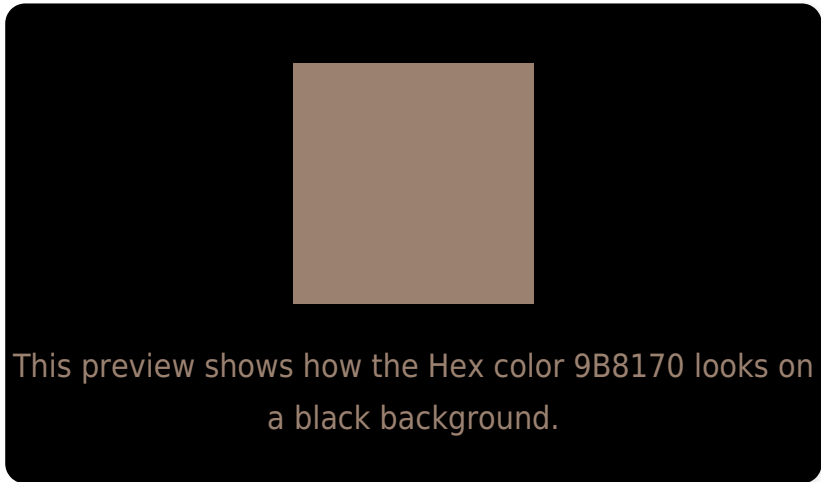
Large Text (above 18pt) WCAG AA ✓ Pass

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

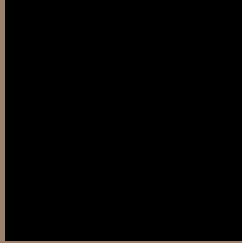
Any Text WCAG AA ✓ Pass

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 9B8170 Background



This preview shows how black text looks on a background with the Hex color 9B8170.



This preview shows how white text looks on a background with the Hex color 9B8170.

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
9B8170

Protanopia
8D8672

Deuteranopia
9B8170



Tritanopia
9E7E87

Trichromacy



Original Color
9B8170

Protanomaly
928471

Deuteranomaly
9B8170

Tritanomaly
9D7F7F

Monochromacy



Original Color
9B8170

Achromatopsia
878787

Achromatomaly
8E857F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B8170 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 #9B8170 looks like.

```
.text, #text, p{  
    color:#9B8170  
}
```

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 #9B8170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8170  
}
```

Border

The CSS property to change the border of an element to Hex 9B8170 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  
#9B8170 }
```

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

```
.border{ border-color:#9B8170 }
```

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

Here you see how a box with a 4 pixel #9B8170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8170; -webkit-box-shadow:4px 4px  
4px 4px #9B8170; box-shadow:4px 4px 4px  
4px #9B8170 }
```

Background

The CSS property to change the background color of an element to Hex 9B8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8170 }
```

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

```
.background{ background-color:#9B8170 }
```

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