

Converting Colors

Hex(8A9066)

Have a look what the booklet for
Hex(8A9066) contains.

Hex(8A9066)	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(8A9066)

Conversions

Conversions Part 1

Format	Color
Hex	8A9066
RGB	138, 144, 102
RGB Percent	54%, 56%, 40%
CMY	0.4588, 0.4353, 0.6000
CMYK	0.04, 0.00, 0.29, 0.44
HSL	69°, 17%, 48%
HSV	69°, 29%, 56%
XYZ	22.8528, 26.3091, 16.4441
YIQ	137.4180, 9.9060, -14.3340

Conversions

Conversions Part 2

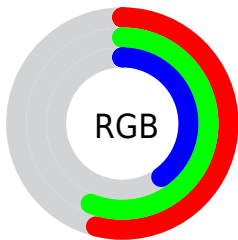
Format	Color
R_{YB}	102, 144, 108
Decimal	9080934
CIE _{Lab}	58.33, -9.47, 21.65
CIE _{LCh}	58, 23.629, 113.636
Yxy	26.3091, 0.3483, 0.4010
Android (android.graphics.Color)	4287271014 (0xFF8A9066)
YUV	137.4180, -17.4611, 0.5104
Hunter-Lab	51.2924, -10.2330, 16.8966

Details

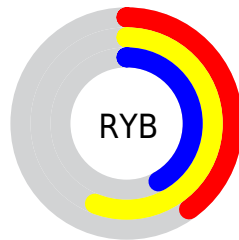
The Hex color **8A9066** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6C6690**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **C0C699**, and **575E37** is the 20% darker color. If you saturate the color by 10%, you get **889058**, and if you desaturate by 10%, it is **8C9074**.

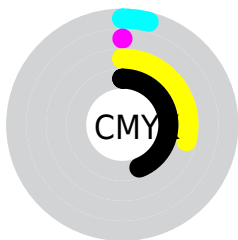
Distribution



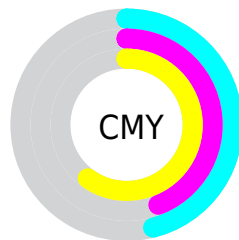
- Red (54%)
- Green (56%)
- Blue (40%)



- Red (40%)
- Yellow (56%)
- Blue (42%)



- Cyan (4%)
- Magenta (0%)
- Yellow (29%)
- Black (44%)



- Cyan (46%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A9066 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 8A9066 by changing the saturation by 10% instead.



8A9066



8A9066

FFFFFF



70764E



C0C699



575E37



DCE2B4



404620



F9FED0



29300B



FFFEC



131B00



000000



8A9066



8A9066



889058



8C9074



869049



8E9083

■ 84903B

■ 909091

■ 82902C

■ 9290A0

■ 80901E

■ 9490AE

■ 7E9010

■ 9690BC

■ 7C9001

■ 9890CB

■ 7B9000

■ 9A90D9

■ 9D90E8

Harmonies

Analogous

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



9F8963



8A9066



729573

Triad

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



8A9066



5495AD



B27D91

Complementary

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



8A9066



6C6690

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.



A382A5



8A9066



6C90B5

Square

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



8A9066



4E989C



8988B2



B67E7D

Rectangle

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



8A9066



639780



8988B2



AE7E98

Sweetspot

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



8A9066



B8BAA9



906C66



5D5E54



DEDEDE



5E5E5E

Same Dimension

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



8A9066



B1BA79



759066



464740



748700



070800

Inverse Universe

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



6C6690



8279BA



816690



414047



130087



010008

Previews

White Background



This preview shows how the Hex color 8A9066 looks on a white background.

Color Contrast Check

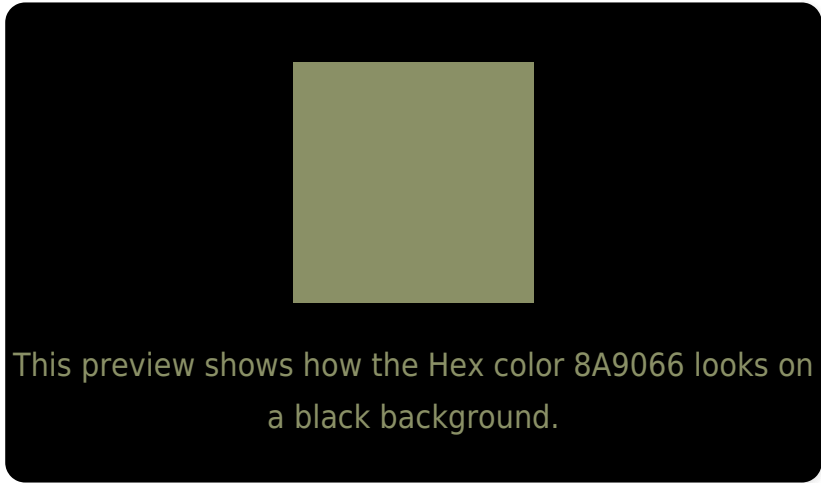
Large Text (above 18pt) WCAG AA ✓ Pass

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

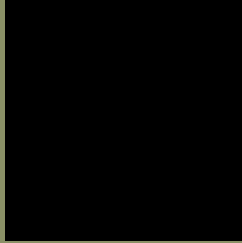
Any Text WCAG AA ✓ Pass

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 8A9066 Background



This preview shows how black text looks on a background with the Hex color 8A9066.



This preview shows how white text looks on a background with the Hex color 8A9066.

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
8A9066

Protanopia
978C64

Deuteranopia
A58668



Tritanopia
908A95

Trichromacy



Original Color
8A9066

Protanomaly
928D65

Deuteranomaly
9B8A67

Tritanomaly
8E8C84

Monochromacy



Original Color
8A9066

Achromatopsia
898989

Achromatomaly
898C7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A9066 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 #8A9066 looks like.

```
.text, #text, p{  
    color:#8A9066  
}
```

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 #8A9066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A9066
}
```

Border

The CSS property to change the border of an element to Hex 8A9066 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
#8A9066 }
```

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

```
.border{ border-color:#8A9066 }
```

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

Here you see how a box with a 4 pixel #8A9066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A9066; -webkit-box-shadow:4px 4px  
4px 4px #8A9066; box-shadow:4px 4px 4px  
4px #8A9066 }
```

Background

The CSS property to change the background color of an element to Hex 8A9066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A9066 }
```

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

```
.background{ background-color:#8A9066 }
```

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