

Converting Colors

Hex(828A76)

Have a look what the booklet for
Hex(828A76) contains.

Hex(828A76)	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(828A76)

Conversions

Conversions Part 1

Format	Color
Hex	828A76
RGB	130, 138, 118
RGB Percent	51%, 54%, 46%
CMY	0.4902, 0.4588, 0.5373
CMYK	0.06, 0.00, 0.14, 0.46
HSL	84°, 8%, 50%
HSV	84°, 14%, 54%
XYZ	21.5644, 24.2308, 20.6800
YIQ	133.3280, 1.6520, -7.9160

Conversions

Conversions Part 2

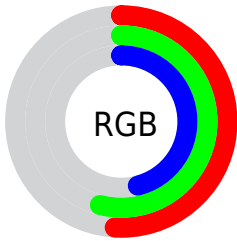
Format	Color
RYB	118, 138, 126
Decimal	8555126
CIELab	56.32, -6.76, 9.72
CIElCh	56, 11.842, 124.812
Yxy	24.2308, 0.3244, 0.3645
Android (android.graphics.Color)	4286745206 (0xFF828A76)
YUV	133.3280, -7.5567, -2.9187
Hunter-Lab	49.2248, -7.9460, 9.5488

Details

The Hex color **828A76** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7E768A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B7BFAA**, and **515846** is the 20% darker color. If you saturate the color by 10%, you get **7C8A68**, and if you desaturate by 10%, it is **888A84**.

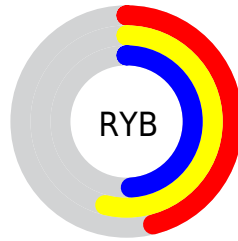
Distribution



Red (51%)

Green (54%)

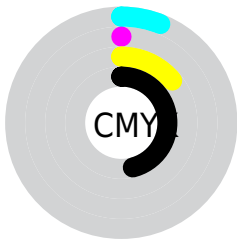
Blue (46%)



Red (46%)

Yellow (54%)

Blue (49%)

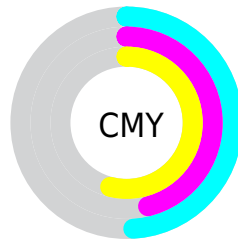


Cyan (6%)

Magenta (0%)

Yellow (14%)

Black (46%)



Cyan (49%)

Magenta (46%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 828A76 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 828A76 by changing the saturation by 10% instead.



828A76



828A76

FFFFFF



69715D



B7BFAA



515846



D3DBC5



3A412F



EFF8E1



242B1A

FFFFFFE



101700



000000



828A76



828A76



7C8A68



888A84



778A5A



8D8A92

718A4D

938A9F

6C8A3F

988AAD

668A31

9E8ABB

618A23

A38AC9

5B8A15

A98AD7

568A08

AE8AE4

538A00

B48AF2

Harmonies

Analogous

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



8E8773



828A76



778C7E

Triad

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



828A76



728A99



9C8086

Complementary

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



828A76



7E768A

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.



968190



828A76



7E879B

Square

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



828A76



6D8D92



8B8498



9C817C

Rectangle

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



828A76



718D85



8B8498



9B8089

Sweetspot

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



828A76



B0B3AB



8A7E76



575955



D9D9D9



595959

Same Dimension

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



828A76



A6B394



788A76



42453E



508500



030500

Inverse Universe

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



7E768A



A094B3



88768A



413E45



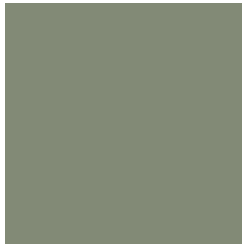
350085



020005

Previews

White Background



This preview shows how the Hex color 828A76 looks on a white background.

Color Contrast Check

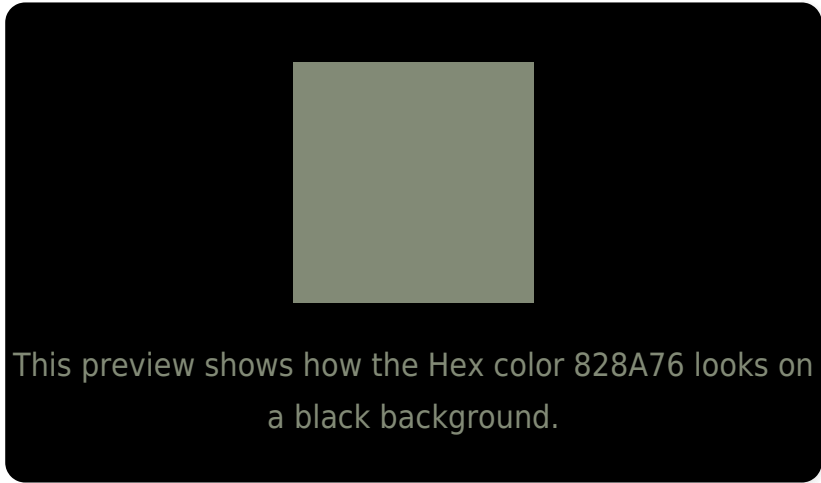
Large Text (above 18pt) WCAG AA ✓ Pass

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

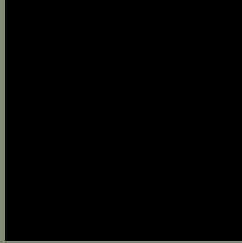
Any Text WCAG AA ✓ Pass

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 828A76 Background



This preview shows how black text looks on a background with the Hex color 828A76.



This preview shows how white text looks on a background with the Hex color 828A76.

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
828A76

Protanopia
8E8774

Deuteranopia
998278



Tritanopia
868691

Trichromacy



Original Color
828A76

Protanomaly
8A8875

Deuteranomaly
918577

Tritanomaly
858787

Monochromacy



Original Color
828A76

Achromatopsia
858585

Achromatomaly
848780

CSS Examples

Text

The CSS property to change the color of the text to Hex 828A76 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 #828A76 looks like.

```
.text, #text, p{  
    color:#828A76  
}
```

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 #828A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828A76
}
```

Border

The CSS property to change the border of an element to Hex 828A76 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
#828A76 }
```

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

```
.border{ border-color:#828A76 }
```

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

Here you see how a box with a 4 pixel #828A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828A76; -webkit-box-shadow:4px 4px  
4px 4px #828A76; box-shadow:4px 4px 4px  
4px #828A76 }
```

Background

The CSS property to change the background color of an element to Hex 828A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828A76 }
```

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

```
.background{ background-color:#828A76 }
```

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