

# Converting Colors

Hex(828467)

Have a look what the booklet for  
Hex(828467) contains.

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**Color**

**Hex(828467)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	828467
RGB	130, 132, 103
RGB Percent	51%, 52%, 40%
CMY	0.4902, 0.4824, 0.5961
CMYK	0.02, 0.00, 0.22, 0.48
HSL	64°, 12%, 46%
HSV	64°, 22%, 52%
XYZ	19.9054, 22.2276, 16.0732
YIQ	128.0960, 8.1170, -9.4430

# Conversions

## Conversions Part 2

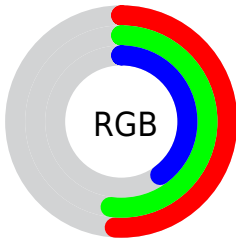
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 132, 105
Decimal	8553575
CIELab	54.27, -5.95, 15.45
CIELCh	54, 16.558, 111.070
Yxy	22.2276, 0.3420, 0.3819
Android (android.graphics.Color)	4286743655 (0xFF828467)
YUV	128.0960, -12.3723, 1.6698
Hunter-Lab	47.1462, -7.1422, 12.7890

# Details

The Hex color **828467** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **696784**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B7B99A**, and **505338** is the 20% darker color. If you saturate the color by 10%, you get **81845A**, and if you desaturate by 10%, it is **838474**.

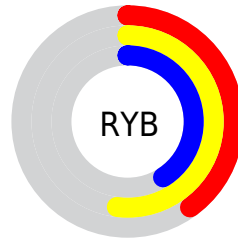
# Distribution



Red (51%)

Green (52%)

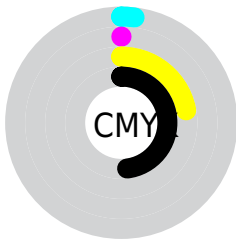
Blue (40%)



Red (40%)

Yellow (52%)

Blue (41%)

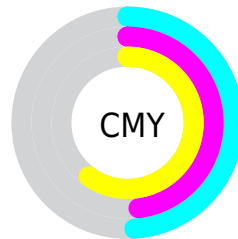


Cyan (2%)

Magenta (0%)

Yellow (22%)

Black (48%)



Cyan (49%)

Magenta (48%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 828467 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 828467 by changing the saturation by 10% instead.





828467



828467

FFFFFF



696B4F



B7B99A



505338



D3D5B5



393C22



EFF1D1



23260D



FFFFED



091200



000000



828467



828467



81845A



838474



80844D



848481

 7F843F

 85848F

 7E8432

 86849C

 7D8425

 8784A9

 7D8418

 8784B6

 7C840B

 8884C3

 7B8400

 8984D1

 8A84DE

# Harmonies

## Analogous

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



917F66



828467



72886F

# Triad

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



828467



5E8897



9C7887

# Complementary

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



828467



696784

# 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.



907B94



828467



6C849E

# Square

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



828467



5B8A8B



7F809C



A07878

# Rectangle

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



828467



678978



7F809C



99798B



# Sweetspot

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



828467



AAAB9F



846967



565750



D6D6D6



575757



# Same Dimension

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



828467



A8AB7E



748467



42423C



798200



020300



# Inverse Universe

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



696784



817EAB



776784



3C3C42



090082



000003



# Previews

## White Background



This preview shows how the Hex color 828467 looks on a white background.

## Color Contrast Check

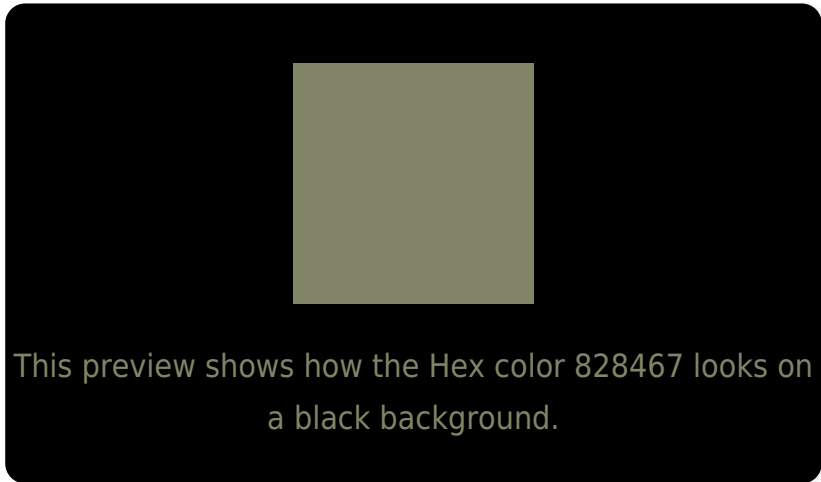
Large Text (above 18pt) WCAG AA ✓ Pass

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

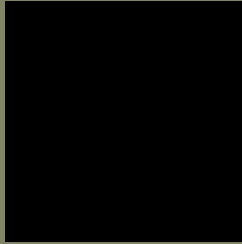
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 828467 Background



This preview shows how black text looks on a background with the Hex color 828467.



This preview shows how white text looks on a background with the Hex color 828467.

# 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**  
828467

**Protanopia**  
8A8166

**Deuteranopia**  
977D69



**Tritanopia**  
877F89

# Trichromacy



**Original Color**  
828467

**Protanomaly**  
878266

**Deuteranomaly**  
8F8068

**Tritanomaly**  
85817D

# Monochromacy



**Original Color**  
828467

**Achromatopsia**  
808080

**Achromatomaly**  
818177

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 828467 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 #828467 looks like.

```
.text, #text, p{  
    color:#828467  
}
```

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 #828467 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828467
}
```

## Border

The CSS property to change the border of an element to Hex 828467 is called "border". The border property can be set on classes, ids or directly on the HTML element.

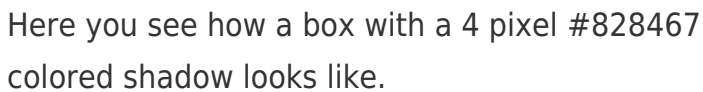
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#828467 }
```

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

```
.border{ border-color:#828467 }
```

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



Here you see how a box with a 4 pixel #828467 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828467; -webkit-box-shadow:4px 4px  
4px 4px #828467; box-shadow:4px 4px 4px  
4px #828467 }
```

# Background

The CSS property to change the background color of an element to Hex 828467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828467 }
```

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

```
.background{ background-color:#828467 }
```

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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