

# Converting Colors

Hex(808964)

Have a look what the booklet for  
Hex(808964) contains.

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**Color**

**Hex(808964)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	808964
RGB	128, 137, 100
RGB Percent	50%, 54%, 39%
CMY	0.4980, 0.4627, 0.6078
CMYK	0.07, 0.00, 0.27, 0.46
HSL	75°, 16%, 46%
HSV	75°, 27%, 54%
XYZ	20.1480, 23.4006, 15.5114
YIQ	130.0910, 6.5130, -13.4150

# Conversions

## Conversions Part 2

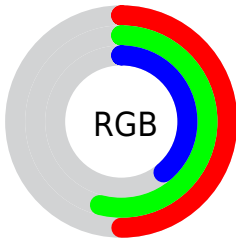
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 137, 109
Decimal	8423780
CIELab	55.48, -9.99, 18.79
CIELCh	55, 21.281, 117.991
Yxy	23.4006, 0.3411, 0.3962
Android (android.graphics.Color)	4286613860 (0xFF808964)
YUV	130.0910, -14.8349, -1.8338
Hunter-Lab	48.3742, -10.3090, 14.8503

# Details

The Hex color **808964** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6D6489**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B5BE97**, and **4E5735** is the 20% darker color. If you saturate the color by 10%, you get **7D8956**, and if you desaturate by 10%, it is **838972**.

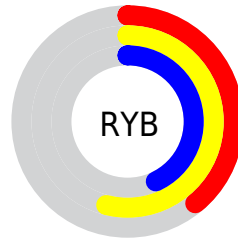
# Distribution



Red (50%)

Green (54%)

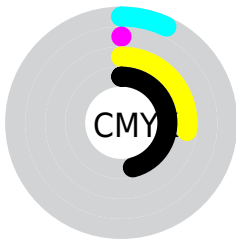
Blue (39%)



Red (39%)

Yellow (54%)

Blue (43%)

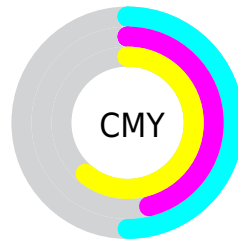


Cyan (7%)

Magenta (0%)

Yellow (27%)

Black (46%)



Cyan (50%)

Magenta (46%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 808964 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 808964 by changing the saturation by 10% instead.



 808964

 808964

FFFFFF

 67704C

 B5BE97

 4E5735

 D1DAB2

 37401F

 EDF7CD

 212A09

 FFFFEA

 051600

 000000

 808964

 808964

 7D8956

 838972

 798949

 87897F

76893B

8A898D

73892D

8D899B

6F891F

9189A9

6C8912

9489B6

698904

9789C4

688900

9B89D2

9E89DF

# Harmonies

## Analogous

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



948360



808964



6B8D71

# Triad

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



808964



568CA4



A87887

# Complementary

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



808964



6D6489

# 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.



9B7B99



808964



6C87A9

# Square

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



808964



4E8F96



8681A5



AA7974

# Rectangle

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



808964



5E8F7D



8681A5



A5788D



# Sweetspot

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



808964



AFB3A4



896D64



575950



D9D9D9



595959



# Same Dimension

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



808964



A5B379



6E8964



43453E



648500



040500



# Inverse Universe

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



6D6489



8779B3



7F6489



403E45



200085



010005



# Previews

## White Background



This preview shows how the Hex color 808964 looks on a white background.

## Color Contrast Check

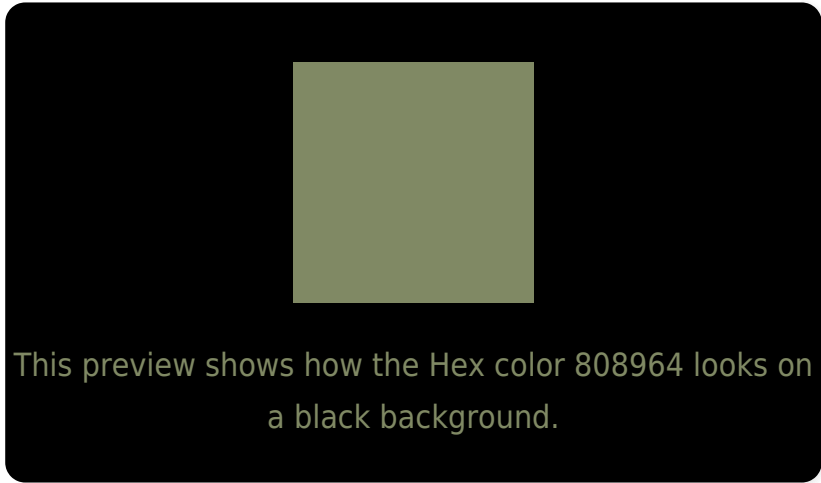
Large Text (above 18pt) WCAG AA ✓ Pass

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

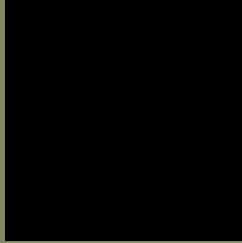
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

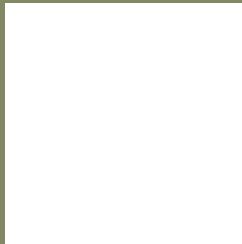
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 808964 Background



This preview shows how black text looks on a background with the Hex color 808964.



This preview shows how white text looks on a background with the Hex color 808964.

# 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**  
808964

**Protanopia**  
8E8562

**Deuteranopia**  
9C7F66



**Tritanopia**  
86848E

# Trichromacy



**Original Color**  
808964

**Protanomaly**  
898663

**Deuteranomaly**  
928365

**Tritanomaly**  
84867F

# Monochromacy



**Original Color**  
808964

**Achromatopsia**  
828282

**Achromatomaly**  
818577

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 808964 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 #808964 looks like.

```
.text, #text, p{  
    color:#808964  
}
```

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 #808964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808964
}
```

## Border

The CSS property to change the border of an element to Hex 808964 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
#808964 }
```

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

```
.border{ border-color:#808964 }
```

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

Here you see how a box with a 4 pixel #808964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808964; -webkit-box-shadow:4px 4px  
4px 4px #808964; box-shadow:4px 4px 4px  
4px #808964 }
```

# Background

The CSS property to change the background color of an element to Hex 808964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808964 }
```

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

```
.background{ background-color:#808964 }
```

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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