

# Converting Colors

Hex(808272)

Have a look what the booklet for  
Hex(808272) contains.

<b>Hex(808272)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(808272)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	808272
RGB	128, 130, 114
RGB Percent	50%, 51%, 45%
CMY	0.4980, 0.4902, 0.5529
CMYK	0.02, 0.00, 0.12, 0.49
HSL	67°, 7%, 48%
HSV	67°, 12%, 51%
XYZ	19.9220, 21.7694, 19.0715
YIQ	127.5780, 3.9440, -5.4000

# Conversions

## Conversions Part 2

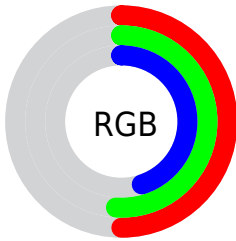
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 130, 116
Decimal	8422002
CIE <sub>Lab</sub>	53.78, -3.77, 8.41
CIE <sub>LCh</sub>	54, 9.219, 114.167
Yxy	21.7694, 0.3279, 0.3583
Android (android.graphics.Color)	4286612082 (0xFF808272)
YUV	127.5780, -6.6940, 0.3701
Hunter-Lab	46.6576, -5.4346, 8.4253

# Details

The Hex color **808272** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **747282**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B5B7A6**, and **4F5142** is the 20% darker color. If you saturate the color by 10%, you get **7E8265**, and if you desaturate by 10%, it is **82827F**.

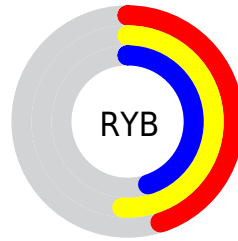
# Distribution



Red (50%)

Green (51%)

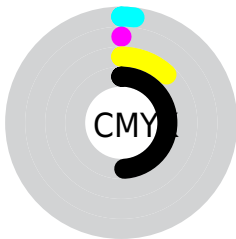
Blue (45%)



Red (45%)

Yellow (51%)

Blue (45%)

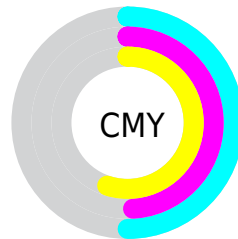


Cyan (2%)

Magenta (0%)

Yellow (12%)

Black (49%)



Cyan (50%)

Magenta (49%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 808272 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 808272 by changing the saturation by 10% instead.





808272



808272

FFFFFF



676959



B5B7A6



4F5142



D0D2C1



383A2C



EDEFDD



222417



FFFFF9



0B0F00



000000



808272



808272



7E8265



82827F



7D8258



83828C

 7B824B

 858299

 7A823E

 8682A6

 788231

 8882B3

 768224

 8A82C0

 758217

 8B82CD

 73820A

 8D82DA

 728200

 8F82E7

# Harmonies

## Analogous

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



897F71



808272



778477

# Triad

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



808272



6F848D



907B82

# Complementary

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



808272



747282

# 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.



8A7D8A



808272



768290

# Square

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



808272



6D8587



807F8F



927B7A

# Rectangle

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



808272



72857C



807F8F



8E7C85



# Sweetspot

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



808272



A7A8A2



827472



545450



D4D4D4



545454



# Same Dimension

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



808272



A5A88F



788272



3F4039



708000



000000



# Inverse Universe

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



747282



928FA8



7C7282



3A3940



100080

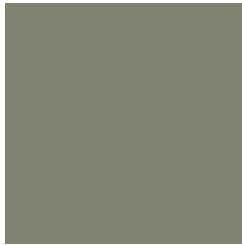


000000



# Previews

## White Background



This preview shows how the Hex color 808272 looks on a white background.

## Color Contrast Check

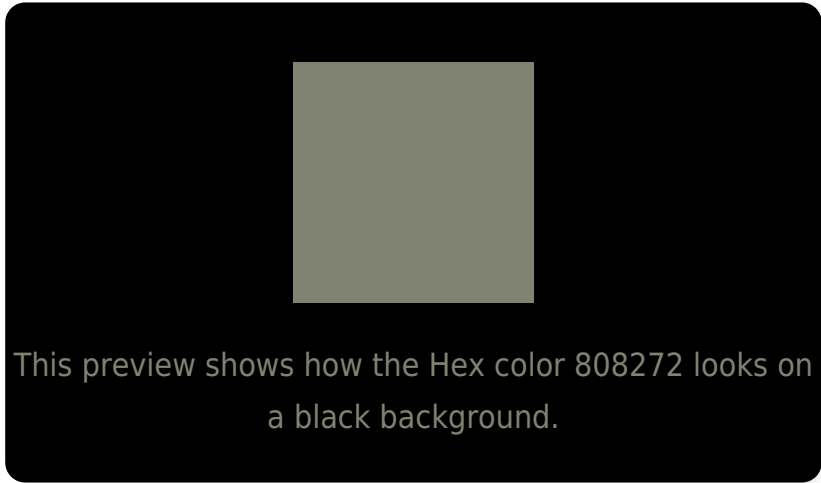
Large Text (above 18pt) WCAG AA ✓ Pass

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

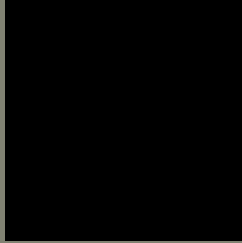
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

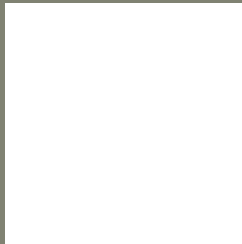
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 808272 Background



This preview shows how black text looks on a background with the Hex color 808272.



This preview shows how white text looks on a background with the Hex color 808272.

# 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**  
808272

**Protanopia**  
868071

**Deuteranopia**  
927C73



**Tritanopia**  
837F89

# Trichromacy



**Original Color**  
808272

**Protanomaly**  
848171

**Deuteranomaly**  
8B7E73

**Tritanomaly**  
828081

# Monochromacy



**Original Color**  
808272

**Achromatopsia**  
808080

**Achromatomaly**  
80817B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 808272 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 #808272 looks like.

```
.text, #text, p{  
    color:#808272  
}
```

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 #808272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808272
}
```

## Border

The CSS property to change the border of an element to Hex 808272 is called "border". The border property can be set on classes, ids or directly on the HTML element.

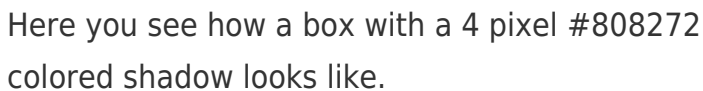
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#808272 }
```

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

```
.border{ border-color:#808272 }
```

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



Here you see how a box with a 4 pixel #808272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808272; -webkit-box-shadow:4px 4px  
4px 4px #808272; box-shadow:4px 4px 4px  
4px #808272 }
```

# Background

The CSS property to change the background color of an element to Hex 808272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808272 }
```

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

```
.background{ background-color:#808272 }
```

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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