

# Converting Colors

Hex(808381)

Have a look what the booklet for  
Hex(808381) contains.

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# Color

**Hex(808381)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	808381
RGB	128, 131, 129
RGB Percent	50%, 51%, 51%
CMY	0.4980, 0.4863, 0.4941
CMYK	0.02, 0.00, 0.02, 0.49
HSL	140°, 1%, 51%
HSV	140°, 2%, 51%
XYZ	20.9808, 22.4068, 23.9880
YIQ	129.8750, -1.1460, -1.2580

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 130, 131
Decimal	8422273
CIE <sub>Lab</sub>	54.46, -1.51, 0.68
CIE <sub>LCh</sub>	54, 1.657, 155.667
Yxy	22.4068, 0.3114, 0.3326
Android (android.graphics.Color)	4286612353 (0xFF808381)
YUV	129.8750, -0.4314, -1.6444
Hunter-Lab	47.3358, -3.7204, 3.0891

# Details

The Hex color **808381** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **838082**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B5B8B6**, and **4F5250** is the 20% darker color. If you saturate the color by 10%, you get **738378**, and if you desaturate by 10%, it is **8D838A**.

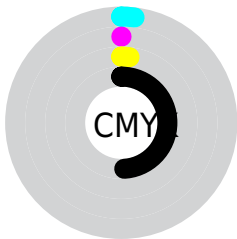
# Distribution



- Red (50%)
- Green (51%)
- Blue (51%)



- Red (50%)
- Yellow (51%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (49%)



- Cyan (50%)
- Magenta (49%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 808381 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 808381 by changing the saturation by 10% instead.





808381



808381

FFFFFF



676A68



B5B8B6



4F5250



D0D4D1



383B39



EDF0EE



232524



0D100E



000000



808381



808381



738378



8D838A



668370



9A8392

■ 598367

■ A7839B

■ 4C835E

■ B483A4

■ 3F8355

■ C283AD

■ 31834D

■ CF83B5

■ 248344

■ DC83BE

■ 17833B

■ E983C7

■ 0A8332

■ F683D0

# Harmonies

## Analogous

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



828380



808381



7F8382

# Triad

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



808381



818285



858181

# Complementary

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



808381



838082

# 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.



858182



808381



838285

# Square

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



808381



808385



848183



858280

# Rectangle

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



808381



7F8383



848183



858181



# Sweetspot

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



808381



A9ABAA



828380



565756



D6D6D6



575757



# Same Dimension

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



808381



A6ABA7



808383



404241



00822B



000301



# Inverse Universe

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



838082



ABA6A9



838081



424041



820057



030002



# Previews

## White Background



This preview shows how the Hex color 808381 looks on a white background.

## Color Contrast Check

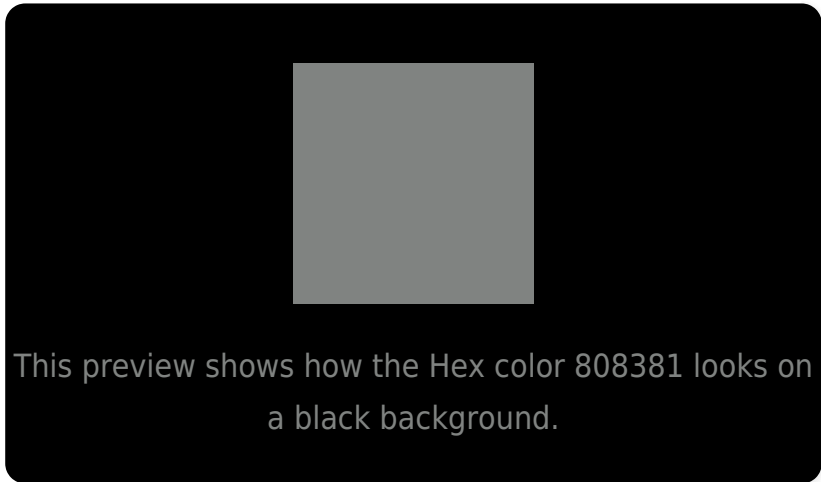
Large Text (above 18pt) WCAG AA ✓ Pass

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

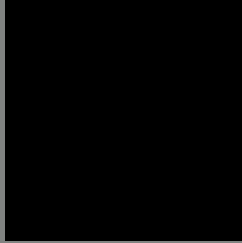
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

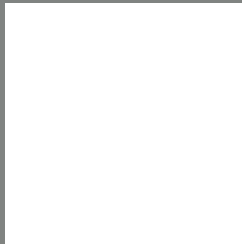
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 808381 Background



This preview shows how black text looks on a background with the Hex color 808381.



This preview shows how white text looks on a background with the Hex color 808381.

# 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**  
808381

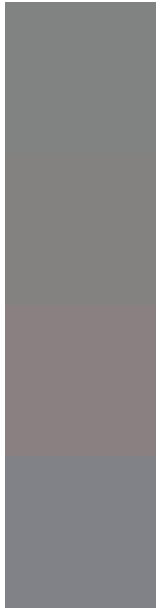
**Protanopia**  
858280

**Deuteranopia**  
8F7E82



**Tritanopia**  
82818C

# Trichromacy



**Original Color**  
808381

**Protanomaly**  
838280

**Deuteranomaly**  
8A8082

**Tritanomaly**  
818288

# Monochromacy



**Original Color**  
808381

**Achromatopsia**  
828282

**Achromatomaly**  
818282

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 808381 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 #808381 looks like.

```
.text, #text, p{  
    color:#808381  
}
```

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 #808381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808381
}
```

## Border

The CSS property to change the border of an element to Hex 808381 is called "border". The border property can be set on classes, ids or directly on the HTML element.

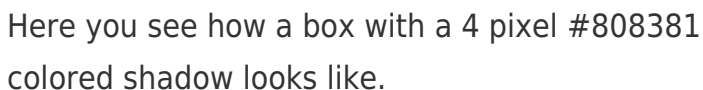
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#808381 }
```

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

```
.border{ border-color:#808381 }
```

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



Here you see how a box with a 4 pixel #808381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808381; -webkit-box-shadow:4px 4px  
4px 4px #808381; box-shadow:4px 4px 4px  
4px #808381 }
```

# Background

The CSS property to change the background color of an element to Hex 808381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808381 }
```

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

```
.background{ background-color:#808381 }
```

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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