

# Converting Colors

Hex(808282)

Have a look what the booklet for  
Hex(808282) contains.

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# Color

**Hex(808282)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	808282
RGB	128, 130, 130
RGB Percent	50%, 51%, 51%
CMY	0.4980, 0.4902, 0.4902
CMYK	0.02, 0.00, 0.00, 0.49
HSL	180°, 1%, 51%
HSV	180°, 2%, 51%
XYZ	20.9140, 22.1662, 24.2953
YIQ	129.4020, -1.1920, -0.4240

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 129, 130
Decimal	8422018
CIE <sub>Lab</sub>	54.20, -0.74, -0.27
CIE <sub>LCh</sub>	54, 0.787, 199.834
Yxy	22.1662, 0.3104, 0.3290
Android (android.graphics.Color)	4286612098 (0xFF808282)
YUV	129.4020, 0.2948, -1.2296
Hunter-Lab	47.0810, -3.0996, 2.3611

# Details

The Hex color **808282** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **828080**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B5B7B7**, and **4F5151** is the 20% darker color. If you saturate the color by 10%, you get **738282**, and if you desaturate by 10%, it is **8D8282**.

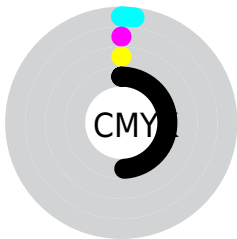
# Distribution



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



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 808282 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 808282 by changing the saturation by 10% instead.





808282



808282

FFFFFF



676969



B5B7B7



4F5151



D0D2D2



383A3A



EDEFEF



232424



0D0F0F



000000



808282



808282



738282



8D8282



668282



9A8282

■ 598282

■ A78282

■ 4C8282

■ B48282

■ 3F8282

■ C18282

■ 328282

■ CE8282

■ 258282

■ DB8282

■ 188282

■ E88282

■ 0B8282

■ F58282

# Harmonies

## Analogous

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



808281



808282



808283

# Triad

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



808282



828182



828180

# Complementary

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



808282



828080

# 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.



838181



808282



838182

# Square

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



808282



818183



838181



828280

# Rectangle

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



808282



808283



838181



838180



# Sweetspot

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



808282



A8A8A8



808280



545454



D4D4D4

# Same Dimension

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



808282



A5A8A8



808182



3E4040



008080



000000



# Inverse Universe

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



828082



A8A5A8



828180



403E40



800080



000000



# Previews

## White Background



This preview shows how the Hex color 808282 looks on a white background.

## Color Contrast Check

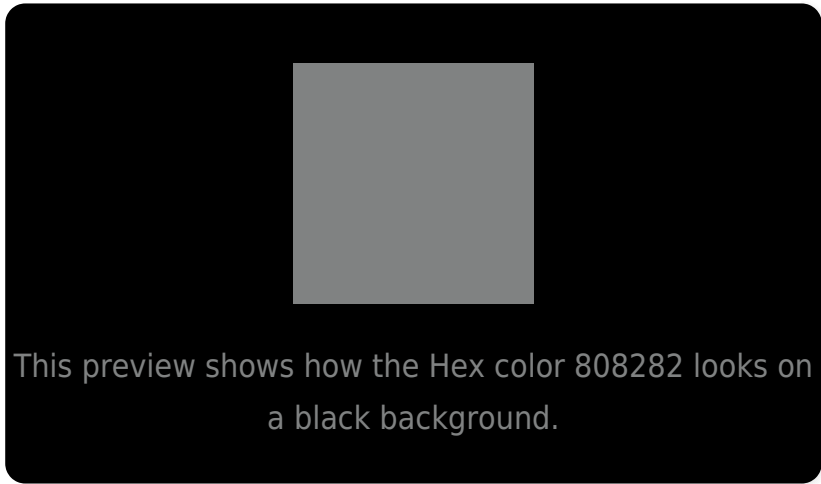
Large Text (above 18pt) WCAG AA ✓ Pass

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

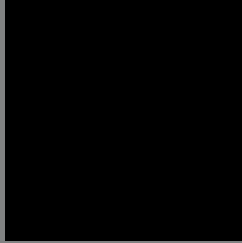
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

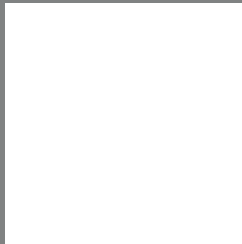
Any Text WCAG AAA × Fail

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

## Hex 808282 Background



This preview shows how black text looks on a background with the Hex color 808282.



This preview shows how white text looks on a background with the Hex color 808282.



# 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**

808282

**Protanopia**

848181

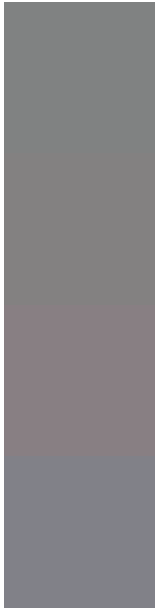
**Deuteranopia**

8D7D83



**Tritanopia**  
81818B

# Trichromacy



**Original Color**  
808282

**Protanomaly**  
838181

**Deuteranomaly**  
887F83

**Tritanomaly**  
818188

# Monochromacy



**Original Color**  
808282

**Achromatopsia**  
818181

**Achromatomaly**  
818181

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 808282 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 #808282 looks like.

```
.text, #text, p{  
    color:#808282  
}
```

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 #808282 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808282
}
```

## Border

The CSS property to change the border of an element to Hex 808282 is called "border". The border property can be set on classes, ids or directly on the HTML element.

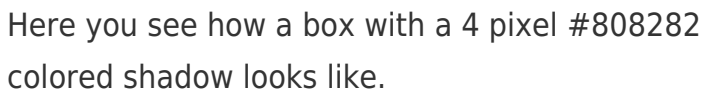
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#808282 }
```

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

```
.border{ border-color:#808282 }
```

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



Here you see how a box with a 4 pixel #808282 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808282; -webkit-box-shadow:4px 4px  
4px 4px #808282; box-shadow:4px 4px 4px  
4px #808282 }
```

# Background

The CSS property to change the background color of an element to Hex 808282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808282 }
```

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

```
.background{ background-color:#808282 }
```

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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