

# Converting Colors

Hex(818988)

Have a look what the booklet for  
Hex(818988) contains.

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# Color

**Hex(818988)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	818988
RGB	129, 137, 136
RGB Percent	51%, 54%, 53%
CMY	0.4941, 0.4627, 0.4667
CMYK	0.06, 0.00, 0.01, 0.46
HSL	173°, 3%, 52%
HSV	173°, 6%, 54%
XYZ	22.4429, 24.3360, 26.8070
YIQ	134.4940, -4.4470, -2.0070

# Conversions

## Conversions Part 2

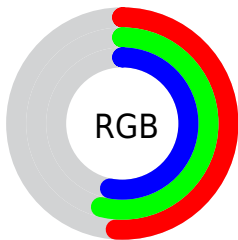
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 133, 137
Decimal	8489352
CIELab	56.42, -3.13, -0.48
CIElCh	56, 3.163, 188.800
Yxy	24.3360, 0.3050, 0.3307
Android (android.graphics.Color)	4286679432 (0xFF818988)
YUV	134.4940, 0.7425, -4.8182
Hunter-Lab	49.3316, -5.1236, 2.3136

# Details

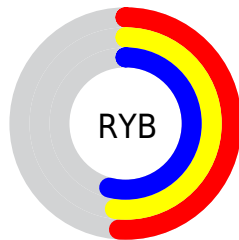
The Hex color **818988** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **898182**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B6BEBD**, and **505756** is the 20% darker color. If you saturate the color by 10%, you get **738986**, and if you desaturate by 10%, it is **8F898A**.

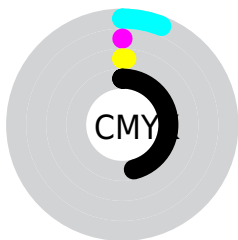
# Distribution



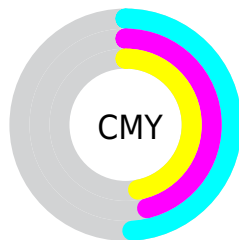
- Red (51%)
- Green (54%)
- Blue (53%)



- Red (51%)
- Yellow (52%)
- Blue (54%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (49%)
- Magenta (46%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 818988 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 818988 by changing the saturation by 10% instead.





818988



818988

FFFFFF



68706F



B6BEBD



505756



D1DAD9



39403F



EEF7F5



232A29



0E1615



000000



818988



818988



738986



8F898A



668985



9C898B

■ 588983

■ AA898D

■ 4A8981

■ B8898F

■ 3C897F

■ C68991

■ 2F897E

■ D38992

■ 21897C

■ E18994

■ 13897A

■ EF8996

■ 068979

■ FC8997

# Harmonies

## Analogous

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



838985



818988



81898B

# Triad

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



818988



89868C



8C8682

# Complementary

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



818988



898182

# 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.



8D8684



818988



8C8689

# Square

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



818988



86878D



8D8587



898782

# Rectangle

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



818988



82888C



8D8587



8C8683



# Sweetspot

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



818988



AFB3B2



828981



575959



D9D9D9



595959



# Same Dimension

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



818988



A6B3B1



818689



3F4544



008574



000504



# Inverse Universe

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



898182



B3A6A8



898481



453F40



850011



050001



# Previews

## White Background



This preview shows how the Hex color 818988 looks on a white background.

## Color Contrast Check

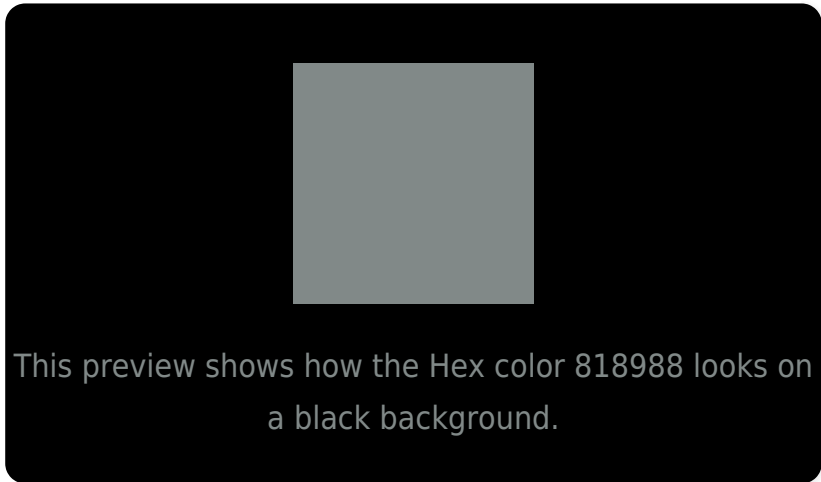
Large Text (above 18pt) WCAG AA ✓ Pass

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

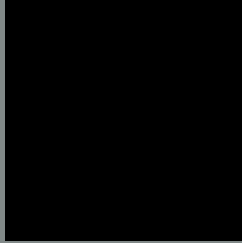
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

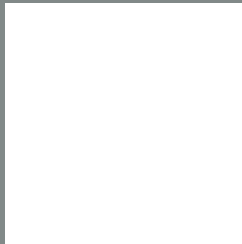
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 818988 Background



This preview shows how black text looks on a background with the Hex color 818988.



This preview shows how white text looks on a background with the Hex color 818988.

# 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**

818988

**Protanopia**

8A8787

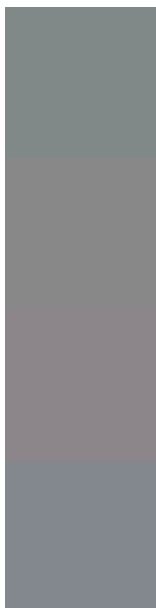
**Deuteranopia**

938389



**Tritanopia**  
838792

# Trichromacy



**Original Color**

818988

**Protanomaly**

878887

**Deuteranomaly**

8C8589

**Tritanomaly**

82888E

# Monochromacy



**Original Color**

818988

**Achromatopsia**

868686

**Achromatomaly**

848787

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 818988 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 #818988 looks like.

```
.text, #text, p{  
    color:#818988  
}
```

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 #818988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818988
}
```

## Border

The CSS property to change the border of an element to Hex 818988 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
#818988 }
```

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

```
.border{ border-color:#818988 }
```

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

Here you see how a box with a 4 pixel #818988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818988; -webkit-box-shadow:4px 4px  
4px 4px #818988; box-shadow:4px 4px 4px  
4px #818988 }
```

# Background

The CSS property to change the background color of an element to Hex 818988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818988 }
```

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

```
.background{ background-color:#818988 }
```

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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