

# Converting Colors

Hex(848180)

Have a look what the booklet for  
Hex(848180) contains.

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# Color

**Hex(848180)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	848180
RGB	132, 129, 128
RGB Percent	52%, 51%, 50%
CMY	0.4824, 0.4941, 0.4980
CMYK	0.00, 0.02, 0.03, 0.48
HSL	15°, 2%, 51%
HSV	15°, 3%, 52%
XYZ	21.2623, 22.1646, 23.5796
YIQ	129.7830, 2.1090, 0.3250

# Conversions

## Conversions Part 2

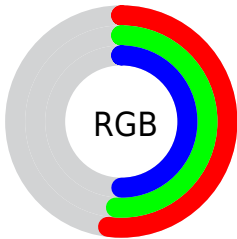
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 129, 128
Decimal	8683904
CIE <sub>Lab</sub>	54.20, 0.93, 0.93
CIE <sub>LCh</sub>	54, 1.320, 44.995
Yxy	22.1646, 0.3173, 0.3308
Android (android.graphics.Color)	4286873984 (0xFF848180)
YUV	129.7830, -0.8790, 1.9443
Hunter-Lab	47.0793, -1.7733, 3.2601

# Details

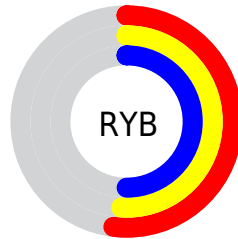
The Hex color **848180** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **808384**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B9B6B5**, and **53504F** is the 20% darker color. If you saturate the color by 10%, you get **847773**, and if you desaturate by 10%, it is **848B8D**.

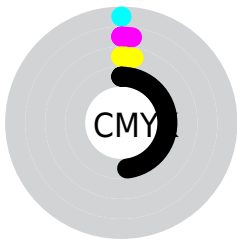
# Distribution



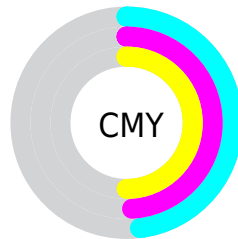
- Red (52%)
- Green (51%)
- Blue (50%)



- Red (52%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (48%)



- Cyan (48%)
- Magenta (49%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 848180 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 848180 by changing the saturation by 10% instead.



■ 848180

■ 848180

FFFFFF

■ 6B6867

■ B9B6B5

■ 53504F

■ D5D1D0

■ 3C3938

■ F1EEED

■ 262423

■ 110E0D

■ 000000

■ 848180

■ 848180

■ 847773

■ 848B8D

■ 846D66

■ 84959A

846358

849FA8

84594B

84A9B5

844F3E

84B3C2

844631

84BCCF

843C24

84C6DC

843216

84D0EA

842809

84DAF7

# Harmonies

## Analogous

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



848181



848180



83817F

# Triad

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



848180



808281



818184

# Complementary

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



848180



808384

# 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.



808284



848180



7F8282

# Square

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



848180



818280



7F8283



838183

# Rectangle

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



848180



82827F



7F8283



818284



# Sweetspot

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



848180



ABAAA9



848083



575656



D6D6D6



575757



# Same Dimension

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



848180



ABA6A4



848380



42403F



822100



030100



# Inverse Universe

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



808384



A4A9AB



808184



3F4142



006282



000203



# Previews

## White Background



This preview shows how the Hex color 848180 looks on a white background.

## Color Contrast Check

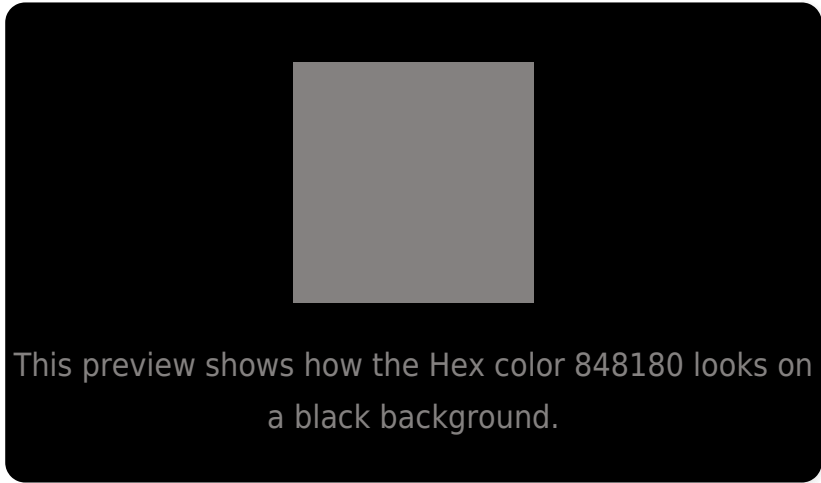
Large Text (above 18pt) WCAG AA ✓ Pass

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

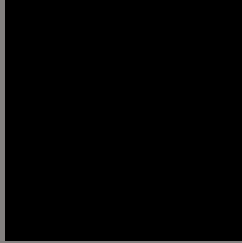
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

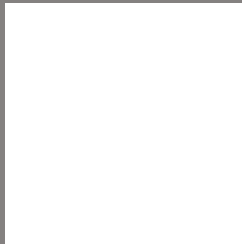
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 848180 Background



This preview shows how black text looks on a background with the Hex color 848180.



This preview shows how white text looks on a background with the Hex color 848180.

# 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**

848180

**Protanopia**

848180

**Deuteranopia**

8E7D81



**Tritanopia**  
85808A

# Trichromacy



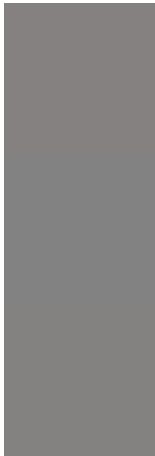
**Original Color**  
848180

**Protanomaly**  
848180

**Deuteranomaly**  
8A7E81

**Tritanomaly**  
858086

# Monochromacy



**Original Color**  
848180

**Achromatopsia**  
828282

**Achromatomaly**  
838281

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 848180 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 #848180 looks like.

```
.text, #text, p{  
    color:#848180  
}
```

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 #848180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #848180
}
```

## Border

The CSS property to change the border of an element to Hex 848180 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
#848180 }
```

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

```
.border{ border-color:#848180 }
```

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

Here you see how a box with a 4 pixel #848180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #848180; -webkit-box-shadow:4px 4px  
4px 4px #848180; box-shadow:4px 4px 4px  
4px #848180 }
```

# Background

The CSS property to change the background color of an element to Hex 848180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#848180 }
```

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

```
.background{ background-color:#848180 }
```

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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