

# Converting Colors

Hex(828683)

Have a look what the booklet for  
Hex(828683) contains.

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# Color

**Hex(828683)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	828683
RGB	130, 134, 131
RGB Percent	51%, 53%, 51%
CMY	0.4902, 0.4745, 0.4863
CMYK	0.03, 0.00, 0.02, 0.47
HSL	135°, 2%, 52%
HSV	135°, 3%, 53%
XYZ	21.8278, 23.4347, 24.8456
YIQ	132.4620, -1.4210, -1.7810

# Conversions

## Conversions Part 2

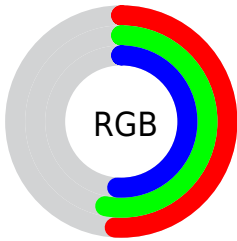
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 133, 134
Decimal	8554115
CIE Lab	55.52, -2.07, 1.09
CIE LCh	56, 2.342, 152.256
Yxy	23.4347, 0.3113, 0.3343
Android (android.graphics.Color)	4286744195 (0xFF828683)
YUV	132.4620, -0.7208, -2.1592
Hunter-Lab	48.4094, -4.2310, 3.4566

# Details

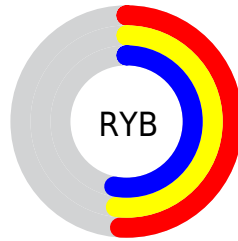
The Hex color **828683** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **868285**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B7BBB8**, and **515452** is the 20% darker color. If you saturate the color by 10%, you get **758679**, and if you desaturate by 10%, it is **8F868D**.

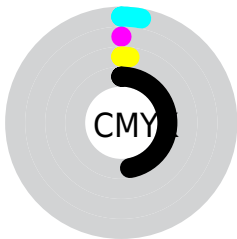
# Distribution



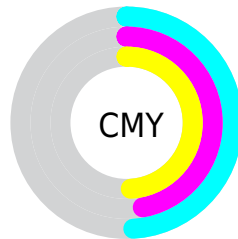
- Red (51%)
- Green (53%)
- Blue (51%)



- Red (51%)
- Yellow (52%)
- Blue (53%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (47%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 828683 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 828683 by changing the saturation by 10% instead.



828683

828683

FFFFFF

696D6A

B7BBB8

515452

D2D7D4

3A3D3B

EFF3F0

242825

0F1310

000000

828683

828683

758679

8F868D

67866F

9D8697

■ 5A8665

■ AA86A1

■ 4C865B

■ B886AB

■ 3F8651

■ C586B5

■ 328647

■ D286BF

■ 24863D

■ E086C9

■ 178633

■ ED86D3

■ 098629

■ FB86DD

# Harmonies

## Analogous

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



848681



828683



818685

# Triad

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



828683



838589



8A8483

# Complementary

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



828683



868285

# 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.



898485



828683



868488

# Square

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



828683



818688



888487



898481

# Rectangle

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



828683



808686



888487



8A8483



# Sweetspot

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



828683



ACADAC



858682



565756



D6D6D6



575757



# Same Dimension

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



828683



A6ADA8



828685



3F4240



008221



000301



# Inverse Universe

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



868285



ADA6AC



868283



423F41



820062



030002



# Previews

## White Background



This preview shows how the Hex color 828683 looks on a white background.

## Color Contrast Check

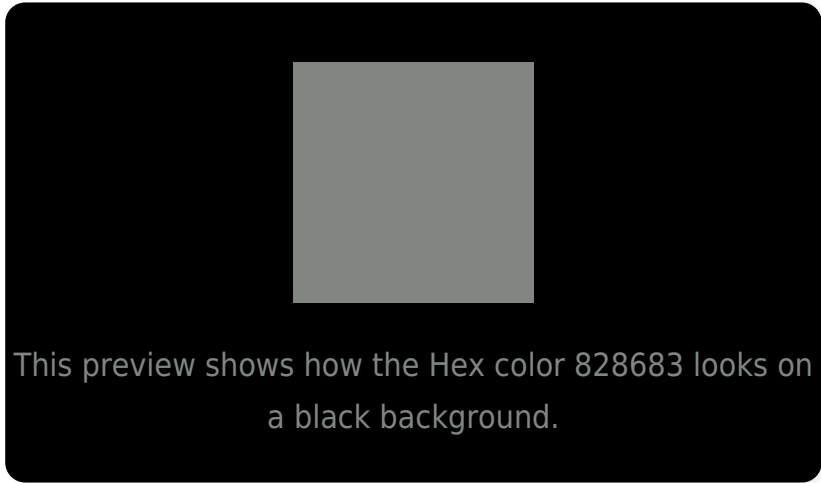
Large Text (above 18pt) WCAG AA ✓ Pass

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

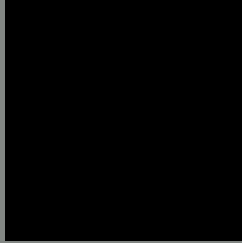
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

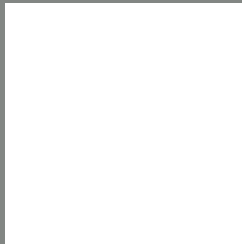
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 828683 Background



This preview shows how black text looks on a background with the Hex color 828683.



This preview shows how white text looks on a background with the Hex color 828683.

# 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**  
828683

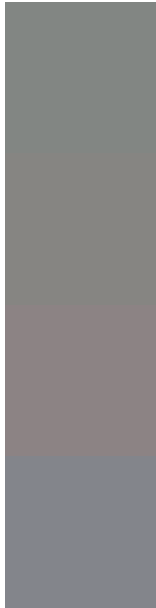
**Protanopia**  
888482

**Deuteranopia**  
928184



**Tritanopia**  
84848F

# Trichromacy



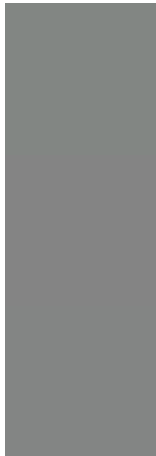
**Original Color**  
828683

**Protanomaly**  
868582

**Deuteranomaly**  
8C8384

**Tritanomaly**  
83858B

# Monochromacy



**Original Color**  
828683

**Achromatopsia**  
848484

**Achromatomaly**  
838584

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 828683 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 #828683 looks like.

```
.text, #text, p{  
    color:#828683  
}
```

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 #828683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828683
}
```

## Border

The CSS property to change the border of an element to Hex 828683 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
#828683 }
```

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

```
.border{ border-color:#828683 }
```

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

Here you see how a box with a 4 pixel #828683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828683; -webkit-box-shadow:4px 4px  
4px 4px #828683; box-shadow:4px 4px 4px  
4px #828683 }
```

# Background

The CSS property to change the background color of an element to Hex 828683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828683 }
```

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

```
.background{ background-color:#828683 }
```

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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