

Converting Colors

Hex(828087)

Have a look what the booklet for
Hex(828087) contains.

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Color

Hex(828087)

Conversions

Conversions Part 1

Format	Color
Hex	828087
RGB	130, 128, 135
RGB Percent	51%, 50%, 53%
CMY	0.4902, 0.4980, 0.4706
CMYK	0.04, 0.05, 0.00, 0.47
HSL	257°, 3%, 52%
HSV	257°, 5%, 53%
XYZ	21.2983, 21.9334, 26.0327
YIQ	129.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

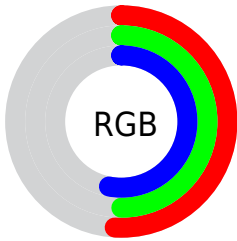
Format	Color
R_{YB}	130, 128, 135
Decimal	8552583
CIE Lab	53.96, 2.16, -3.52
CIE LCh	54, 4.128, 301.551
Yxy	21.9334, 0.3075, 0.3167
Android (android.graphics.Color)	4286742663 (0xFF828087)
YUV	129.3960, 2.7628, 0.5297
Hunter-Lab	46.8331, -0.7817, -0.1738

Details

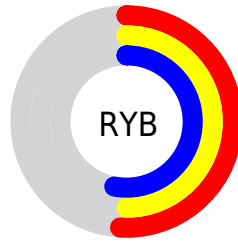
The Hex color **828087** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **858780**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B7B5BC**, and **514F55** is the 20% darker color. If you saturate the color by 10%, you get **787287**, and if you desaturate by 10%, it is **8C8D87**.

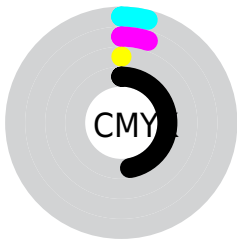
Distribution



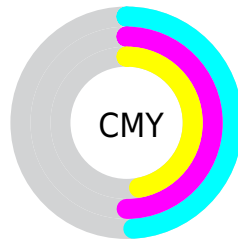
- Red (51%)
- Green (50%)
- Blue (53%)



- Red (51%)
- Yellow (50%)
- Blue (53%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 828087 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 828087 by changing the saturation by 10% instead.

■ 828087

■ 828087

FFFFFF

■ 69676E

■ B7B5BC

■ 514F55

■ D2D0D8

■ 3A383E

■ EFEDF4

■ 242328

■ 0F0D14

■ 000000

■ 828087

■ 828087

■ 787287

■ 8C8D87

■ 6F6587

■ 959B87

655887

9FA987

5B4A87

A9B687

523C87

B2C487

482F87

BCD187

3E2187

C6DF87

351487

CFEC87

2B0687

D9FA87

Harmonies

Analogous

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



7E8188



828087



867F84

Triad

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



828087



87807B



798381

Complementary

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



828087



858780

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.



7C837D



828087



84817A

Square

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



828087



897F7D



80827B



788385

Rectangle

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



828087



887F82



80827B



7A8380

Sweetspot

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



828087



ADACB0



808587



585759



D9D9D9



595959

Same Dimension

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



828087



A8A5B0



858087



3F3E42



250082



010003

Inverse Universe

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



878085



B0A5AD



828780



423E41



82005D



030002

Previews

White Background



This preview shows how the Hex color 828087 looks on a white background.

Color Contrast Check

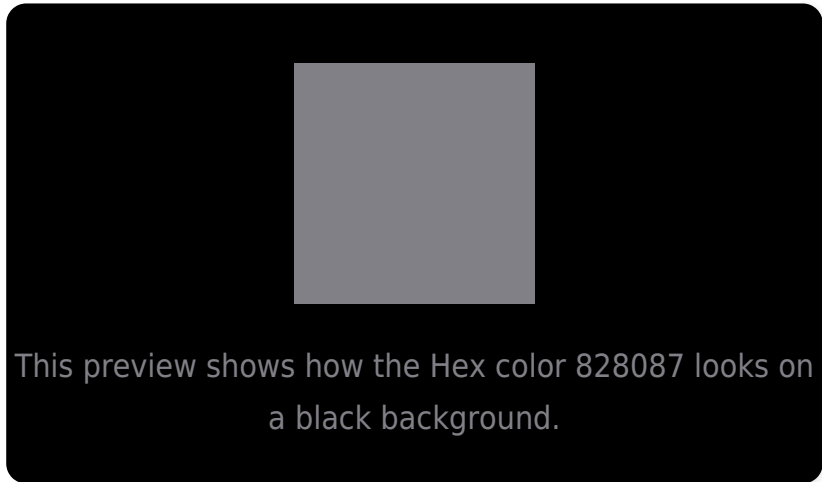
Large Text (above 18pt) WCAG AA ✓ Pass

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

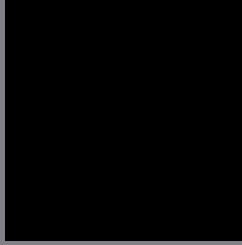
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

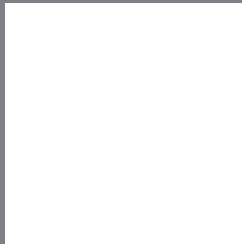
Any Text WCAG AAA × Fail

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

Hex 828087 Background



This preview shows how black text looks on a background with the Hex color 828087.



This preview shows how white text looks on a background with the Hex color 828087.

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

828087

Protanopia

818087

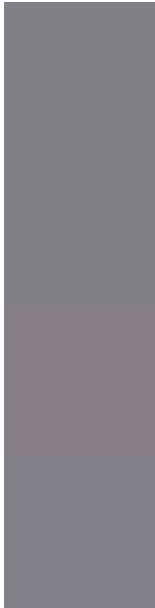
Deuteranopia

8A7D88



Tritanopia
82808A

Trichromacy



Original Color
828087

Protanomaly
818087

Deuteranomaly
877E88

Tritanomaly
828089

Monochromacy



Original Color
828087

Achromatopsia
818181

Achromatomaly
818183

CSS Examples

Text

The CSS property to change the color of the text to Hex 828087 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 #828087 looks like.

```
.text, #text, p{  
    color:#828087  
}
```

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 #828087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828087
}
```

Border

The CSS property to change the border of an element to Hex 828087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

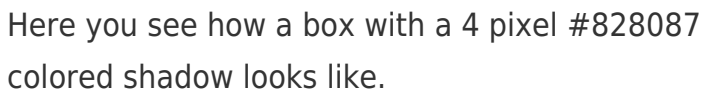
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#828087 }
```

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

```
.border{ border-color:#828087 }
```

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



Here you see how a box with a 4 pixel #828087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828087; -webkit-box-shadow:4px 4px  
4px 4px #828087; box-shadow:4px 4px 4px  
4px #828087 }
```

Background

The CSS property to change the background color of an element to Hex 828087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828087 }
```

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

```
.background{ background-color:#828087 }
```

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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