

Converting Colors

Hex(81849D)

Have a look what the booklet for
Hex(81849D) contains.

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Color

Hex(81849D)

Conversions

Conversions Part 1

Format	Color
Hex	81849D
RGB	129, 132, 157
RGB Percent	51%, 52%, 62%
CMY	0.4941, 0.4824, 0.3843
CMYK	0.18, 0.16, 0.00, 0.38
HSL	234°, 13%, 56%
HSV	234°, 18%, 62%
XYZ	23.3903, 23.6040, 35.2215
YIQ	133.9530, -9.8130, 7.1390

Conversions

Conversions Part 2

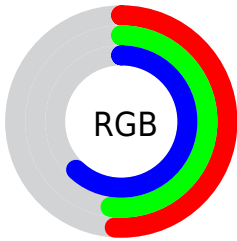
Format	Color
R_{YB}	129, 132, 157
Decimal	8488093
CIE _{Lab}	55.69, 4.33, -13.69
CIE _{LCh}	56, 14.358, 287.535
Y _{xy}	23.6040, 0.2845, 0.2871
Android (android.graphics.Color)	4286678173 (0xFF81849D)
YUV	133.9530, 11.3622, -4.3438
Hunter-Lab	48.5839, 0.9155, -8.9743

Details

The Hex color **81849D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9D9A81**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B6B9D4**, and **4F536A** is the 20% darker color. If you saturate the color by 10%, you get **71769D**, and if you desaturate by 10%, it is **91929D**.

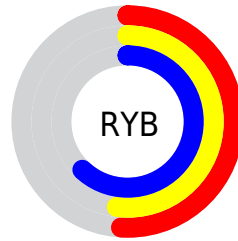
Distribution



Red (51%)

Green (52%)

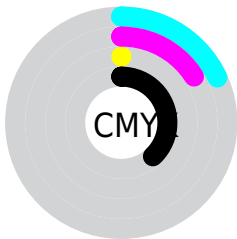
Blue (62%)



Red (51%)

Yellow (52%)

Blue (62%)

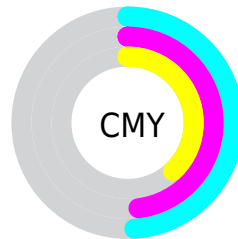


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (38%)



Cyan (49%)

Magenta (48%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81849D 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 81849D by changing the saturation by 10% instead.

■ 81849D

■ 81849D

FFFFFF

■ 686B83

■ B6B9D4

■ 4F536A

■ D2D5F0

■ 383C51

■ EEF1FF

■ 22263A

■ 0D1125

■ 00010F

■ 000000

■ 81849D

■ 81849D

■ 71769D

■ 91929D

62689D

A0A09D

525A9D

B0AE9D

424C9D

C0BC9D

323E9D

D0CA9D

23309D

DFD89D

13229D

EFE69D

03149D

FFF49D

00119D

FFFF9D

Harmonies

Analogous

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



71889D



81849D



908096

Triad

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



81849D



9D7F74



6C8C80

Complementary

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



81849D



9D9A81

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.



798A74



81849D



94836D

Square

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



81849D



A07D7E



87876E



658D8C

Rectangle

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



81849D



987E8F



87876E



708C7C

Sweetspot

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



81849D



C2C3CC



819D9A



606166



E6E6E6



666666

Same Dimension

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



81849D



A1A6CC



8C819D



47484F



000F8F



00020F

Inverse Universe

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



9D8184



CCA1A6



929D81



4F4748



8F000F



0F0002

Previews

White Background



This preview shows how the Hex color 81849D looks on a white background.

Color Contrast Check

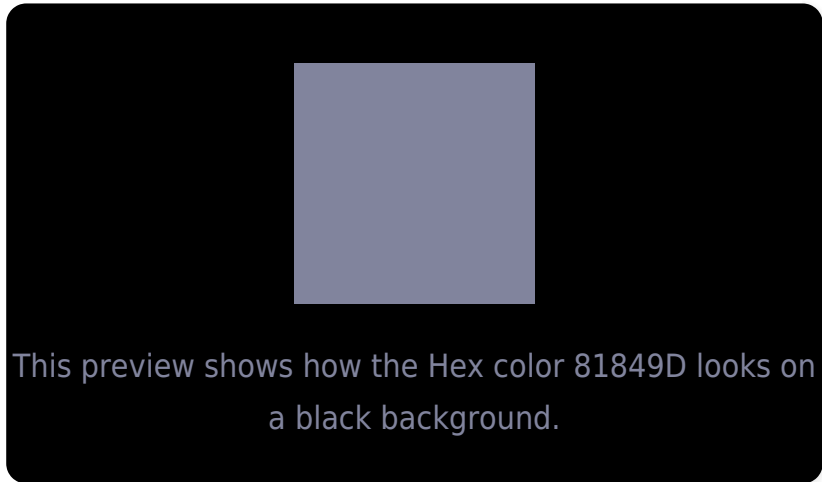
Large Text (above 18pt) WCAG AA ✓ Pass

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

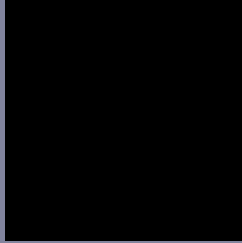
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

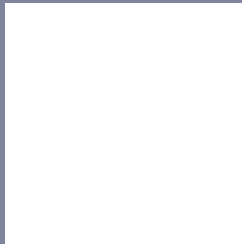
Any Text WCAG AAA × Fail

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

Hex 81849D Background



This preview shows how black text looks on a background with the Hex color 81849D.



This preview shows how white text looks on a background with the Hex color 81849D.

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
81849D

Protanopia
80849D

Deuteranopia
87829D



Tritanopia
7F8691

Trichromacy



Original Color
81849D

Protanomaly
80849D

Deuteranomaly
85839D

Tritanomaly
808595

Monochromacy



Original Color
81849D

Achromatopsia
868686

Achromatomaly
84858E

CSS Examples

Text

The CSS property to change the color of the text to Hex 81849D 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 #81849D looks like.

```
.text, #text, p{  
    color:#81849D  
}
```

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 #81849D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81849D
}
```

Border

The CSS property to change the border of an element to Hex 81849D 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
#81849D }
```

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

```
.border{ border-color:#81849D }
```

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

Here you see how a box with a 4 pixel #81849D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81849D; -webkit-box-shadow:4px 4px  
4px 4px #81849D; box-shadow:4px 4px 4px  
4px #81849D }
```

Background

The CSS property to change the background color of an element to Hex 81849D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81849D }
```

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

```
.background{ background-color:#81849D }
```

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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