

Converting Colors

Hex(81659C)

Have a look what the booklet for
Hex(81659C) contains.

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Color

Hex(81659C)

Conversions

Conversions Part 1

Format	Color
Hex	81659C
RGB	129, 101, 156
RGB Percent	51%, 40%, 61%
CMY	0.4941, 0.6039, 0.3882
CMYK	0.17, 0.35, 0.00, 0.39
HSL	271°, 22%, 50%
HSV	271°, 35%, 61%
XYZ	19.7077, 16.3748, 33.5744
YIQ	115.6420, -0.9670, 23.0410

Conversions

Conversions Part 2

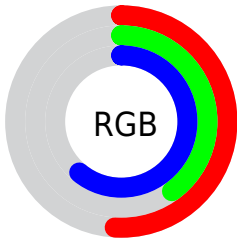
Format	Color
R_{YB}	129, 101, 156
Decimal	8480156
CIE _{Lab}	47.46, 22.39, -25.70
CIE _{LCh}	47, 34.088, 311.068
Yxy	16.3748, 0.2829, 0.2351
Android (android.graphics.Color)	4286670236 (0xFF81659C)
YUV	115.6420, 19.8965, 11.7150
Hunter-Lab	40.4658, 16.1182, -20.8668

Details

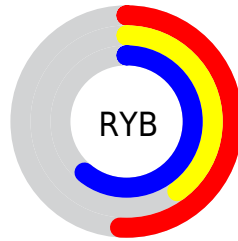
The Hex color **81659C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **809C65**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B798D3**, and **4F3668** is the 20% darker color. If you saturate the color by 10%, you get **79559C**, and if you desaturate by 10%, it is **89759C**.

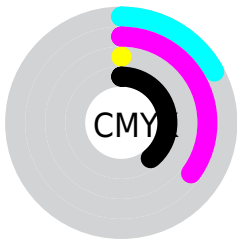
Distribution



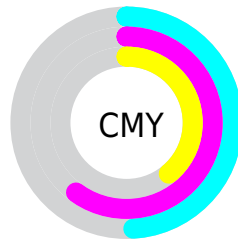
- Red (51%)
- Green (40%)
- Blue (61%)



- Red (51%)
- Yellow (40%)
- Blue (61%)



- Cyan (17%)
- Magenta (35%)
- Yellow (0%)
- Black (39%)



- Cyan (49%)
- Magenta (60%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81659C 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 81659C by changing the saturation by 10% instead.

81659C

81659C

FFFFFF

674D82

B798D3

4F3668

D3B3EF

372050

EFCFFF

200B39

FFEBFF

040023

00000A

000000

81659C

81659C

79559C

89759C

72469C

90849C

6A369C

98949C

62279C

A0A39C

5B179C

A7B39C

53079C

AFC39C

4F009C

B7D29C

BEE29C

C6F19C

Harmonies

Analogous

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



5570A9



81659C



9C5C84

Triad

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



81659C



91693A



007F7B

Complementary

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



81659C



809C65

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.



307E5D



81659C



787237

Square

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



81659C



A35F4C



597A44



007E95

Rectangle

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



81659C



A55971



597A44



007F71

Sweetspot

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



81659C



C1B6CC



65819C



5F5966



E6E6E6



666666

Same Dimension

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



81659C



A276CC



9C659C



4B474F



49008F



08000F

Inverse Universe

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



9C6580



CC76A0



659C65



4F474B



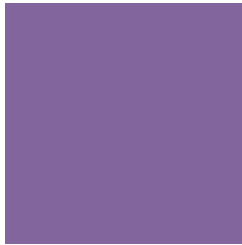
8F0046



0F0008

Previews

White Background



This preview shows how the Hex color 81659C looks on a white background.

Color Contrast Check

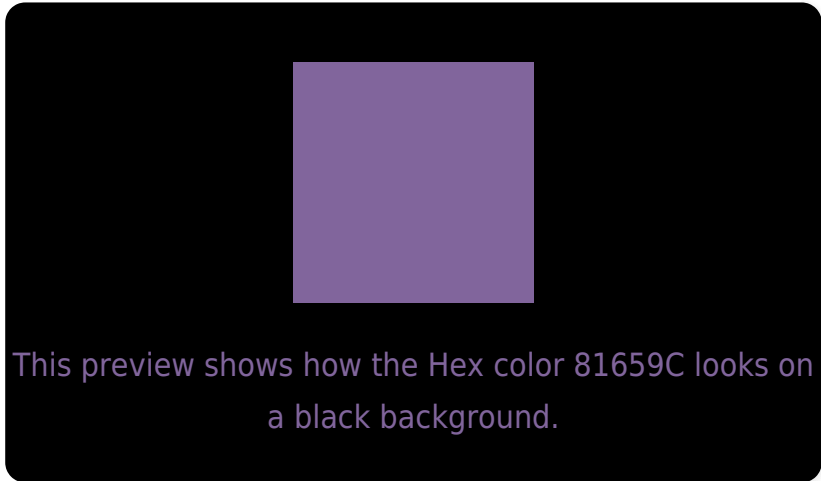
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

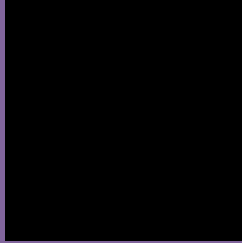
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 81659C Background



This preview shows how black text looks on a background with the Hex color 81659C.



This preview shows how white text looks on a background with the Hex color 81659C.

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
81659C

Protanopia
5F6FA4

Deuteranopia
646F9A



Tritanopia
7B6D75

Trichromacy



Original Color
81659C

Protanomaly
6B6BA1

Deuteranomaly
6F6B9B

Tritanomaly
7D6A83

Monochromacy



Original Color
81659C

Achromatopsia
747474

Achromatomaly
796F83

CSS Examples

Text

The CSS property to change the color of the text to Hex 81659C 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 #81659C looks like.

```
.text, #text, p{  
    color:#81659C  
}
```

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 #81659C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81659C
}
```

Border

The CSS property to change the border of an element to Hex 81659C is called "border". The border property can be set on classes, ids or directly on the HTML element.

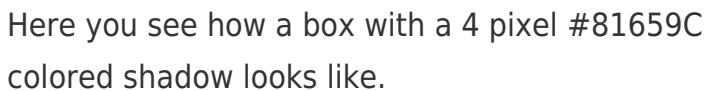
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81659C }
```

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

```
.border{ border-color:#81659C }
```

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



Here you see how a box with a 4 pixel #81659C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81659C; -webkit-box-shadow:4px 4px  
4px 4px #81659C; box-shadow:4px 4px 4px  
4px #81659C }
```

Background

The CSS property to change the background color of an element to Hex 81659C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81659C }
```

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

```
.background{ background-color:#81659C }
```

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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