

Converting Colors

Hex(81958A)

Have a look what the booklet for
Hex(81958A) contains.

Hex(81958A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(81958A)

Conversions

Conversions Part 1

Format	Color
Hex	81958A
RGB	129, 149, 138
RGB Percent	51%, 58%, 54%
CMY	0.4941, 0.4157, 0.4588
CMYK	0.13, 0.00, 0.07, 0.42
HSL	147°, 9%, 55%
HSV	147°, 13%, 58%
XYZ	24.3882, 27.9970, 28.1633
YIQ	141.7660, -8.3890, -7.6610

Conversions

Conversions Part 2

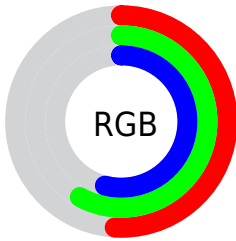
Format	Color
R_{YB}	129, 143, 149
Decimal	8492426
CIE _{Lab}	59.89, -9.37, 3.41
CIE _{LCh}	60, 9.971, 160.014
Yxy	27.9970, 0.3028, 0.3476
Android (android.graphics.Color)	4286682506 (0xFF81958A)
YUV	141.7660, -1.8566, -11.1958
Hunter-Lab	52.9122, -10.3226, 5.4805

Details

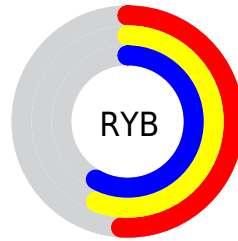
The Hex color **81958A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **95818C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B6CBBF**, and **506258** is the 20% darker color. If you saturate the color by 10%, you get **729582**, and if you desaturate by 10%, it is **909592**.

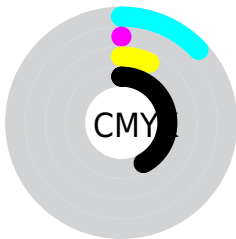
Distribution



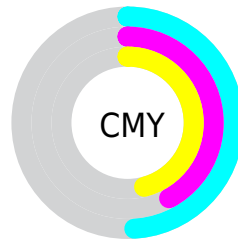
- Red (51%)
- Green (58%)
- Blue (54%)



- Red (51%)
- Yellow (56%)
- Blue (58%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (42%)



- Cyan (49%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81958A 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 81958A by changing the saturation by 10% instead.



81958A



81958A

FFFFFF



687B71



B6CBBF



506258



D2E7DB



384A41



EEEFF8



23342B



0E1F16



000000



81958A



81958A



729582



909592



63957A



9F959A

■ 549571

■ AE95A3

■ 459569

■ BD95AB

■ 369561

■ CC95B3

■ 289559

■ DA95BB

■ 199551

■ E995C3

■ 0A9548

■ F895CC

■ 009543

■ FF95D4

Harmonies

Analogous

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



8A9383



81958A



7B9693

Triad

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



81958A



8B90A1



A28B85

Complementary

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



81958A



95818C

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.



A38A8E



81958A



968D9E

Square

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



81958A



8193A0



9E8B96



9D8E80

Rectangle

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



81958A



7A9599



9E8B96



A38B88

Sweetspot

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



81958A



BAC2BE



8C9581



5C615E



E0E0E0



616161

Same Dimension

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



81958A



A3C2B1



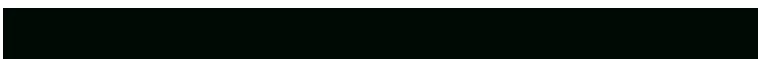
819594



434A46



008A3E



000A05

Inverse Universe

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



95818C



C2A3B4



958182



4A4347



8A004C



0A0006

Previews

White Background



This preview shows how the Hex color 81958A looks on a white background.

Color Contrast Check

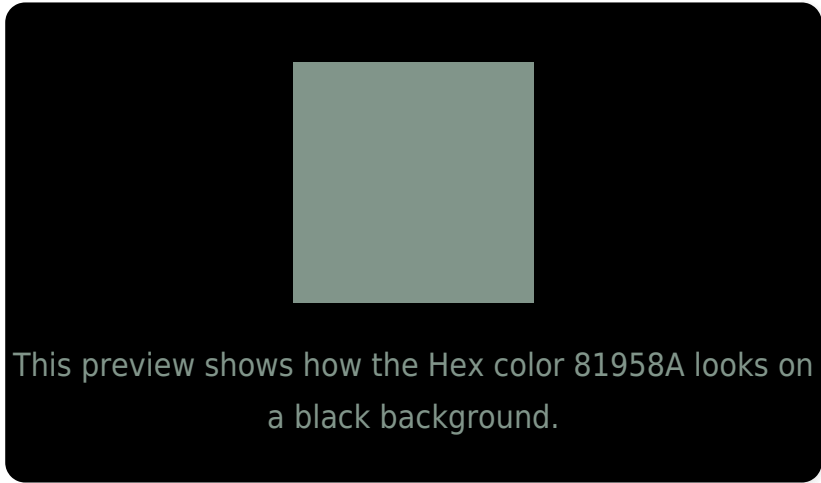
Large Text (above 18pt) WCAG AA ✓ Pass

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

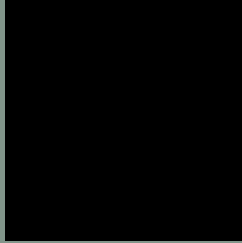
Any Text WCAG AA ✓ Pass

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 81958A Background



This preview shows how black text looks on a background with the Hex color 81958A.

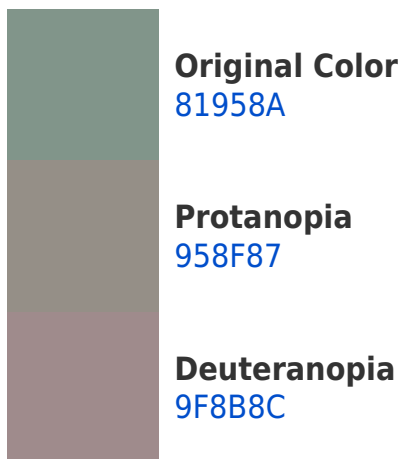


This preview shows how white text looks on a background with the Hex color 81958A.

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





Tritanopia
84929E

Trichromacy



Original Color
81958A

Protanomaly
8E9188

Deuteranomaly
948F8B

Tritanomaly
839397

Monochromacy



Original Color
81958A

Achromatopsia
8E8E8E

Achromatomaly
89918D

CSS Examples

Text

The CSS property to change the color of the text to Hex 81958A 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 #81958A looks like.

```
.text, #text, p{  
    color:#81958A  
}
```

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 #81958A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81958A
}
```

Border

The CSS property to change the border of an element to Hex 81958A 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
#81958A }
```

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

```
.border{ border-color:#81958A }
```

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

Here you see how a box with a 4 pixel #81958A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81958A; -webkit-box-shadow:4px 4px  
4px 4px #81958A; box-shadow:4px 4px 4px  
4px #81958A }
```

Background

The CSS property to change the background color of an element to Hex 81958A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81958A }
```

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

```
.background{ background-color:#81958A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor