

Converting Colors

Hex(81A29F)

Have a look what the booklet for
Hex(81A29F) contains.

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Color

Hex(81A29F)

Conversions

Conversions Part 1

Format	Color
Hex	81A29F
RGB	129, 162, 159
RGB Percent	51%, 64%, 62%
CMY	0.4941, 0.3647, 0.3765
CMYK	0.20, 0.00, 0.02, 0.36
HSL	175°, 15%, 57%
HSV	175°, 20%, 64%
XYZ	28.2316, 33.0110, 37.6847
YIQ	151.7910, -18.7050, -7.9290

Conversions

Conversions Part 2

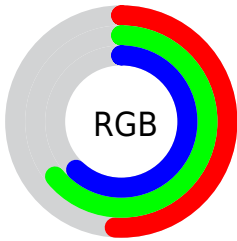
Format	Color
RYB	129, 146, 162
Decimal	8495775
CIELab	64.17, -11.95, -2.20
CIElCh	64, 12.152, 190.416
Yxy	33.0110, 0.2854, 0.3337
Android (android.graphics.Color)	4286685855 (0xFF81A29F)
YUV	151.7910, 3.5540, -19.9877
Hunter-Lab	57.4552, -12.8375, 1.3305

Details

The Hex color **81A29F** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A28184**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B6D9D6**, and **4F6E6C** is the 20% darker color. If you saturate the color by 10%, you get **71A29E**, and if you desaturate by 10%, it is **91A2A0**.

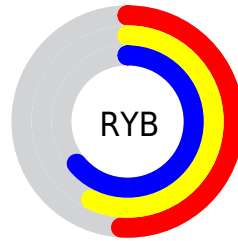
Distribution



Red (51%)

Green (64%)

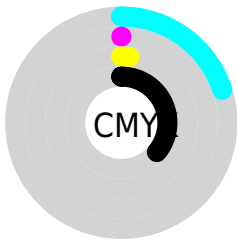
Blue (62%)



Red (51%)

Yellow (57%)

Blue (64%)

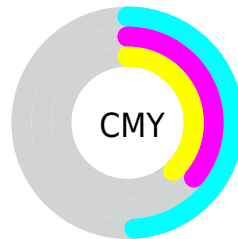


Cyan (20%)

Magenta (0%)

Yellow (2%)

Black (36%)



Cyan (49%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A29F 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 81A29F by changing the saturation by 10% instead.

■ 81A29F

FFFFFF

■ B6D9D6

■ D2F5F2

■ EFFFFFF

■ 81A29F

■ 678885

■ 4F6E6C

■ 375653

■ 203F3C

■ 092927

■ 001512

■ 000000

■ 81A29F

■ 71A29E

■ 81A29F

■ 91A2A0

61A29C

A1A2A2

50A29B

B2A2A3

40A299

C2A2A5

30A298

D2A2A6

20A296

E2A2A8

10A295

F2A2A9

00A293

FFA2AB

FFA2AC

Harmonies

Analogous

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



88A194



81A29F



81A1A9

Triad

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



81A29F



A298AC



AB9887

Complementary

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



81A29F



A28184

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.



B2958E



81A29F



AD95A3

Square

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



81A29F



959BB1



B29498



A09C86

Rectangle

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



81A29F



85A0AE



B29498



AE9789

Sweetspot

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



81A29F



C7D4D2



84A281



646B6A



EBEBEB



6B6B6B

Same Dimension

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



81A29F



A1D4CF



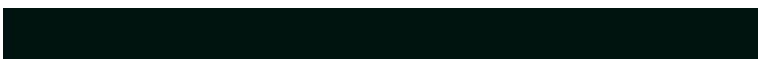
8195A2



495251



009184



001210

Inverse Universe

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



A28184



D4A1A5



A28E81



52494A



91000D



120002

Previews

White Background



This preview shows how the Hex color 81A29F looks on a white background.

Color Contrast Check

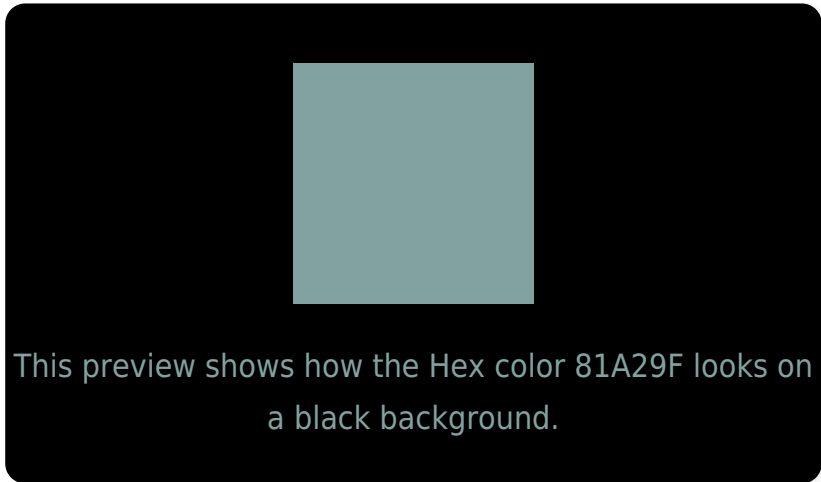
Large Text (above 18pt) WCAG AA × Fail

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

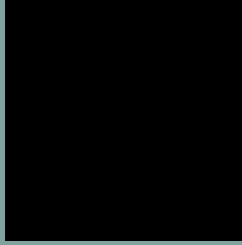
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 81A29F Background



This preview shows how black text looks on a background with the Hex color 81A29F.

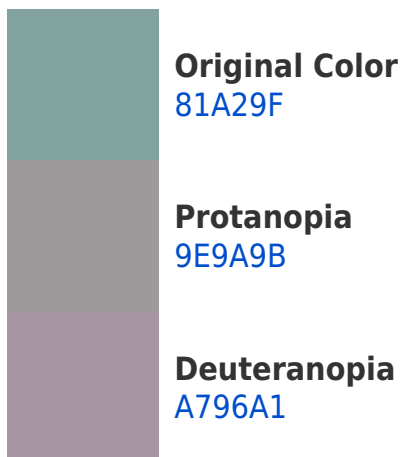


This preview shows how white text looks on a background with the Hex color 81A29F.

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](#).

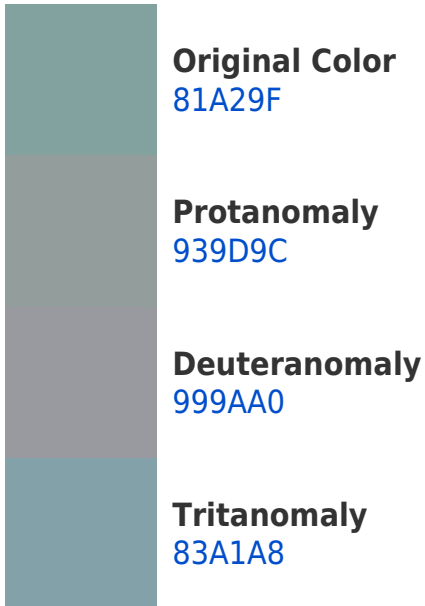
Dichromacy



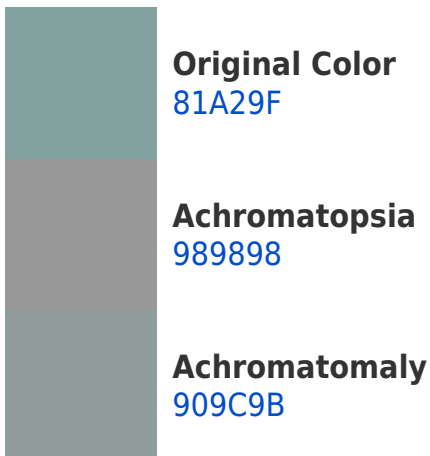


Tritanopia
84A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81A29F 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 #81A29F looks like.

```
.text, #text, p{  
    color:#81A29F  
}
```

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 #81A29F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A29F
}
```

Border

The CSS property to change the border of an element to Hex 81A29F 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
#81A29F }
```

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

```
.border{ border-color:#81A29F }
```

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

Here you see how a box with a 4 pixel #81A29F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A29F; -webkit-box-shadow:4px 4px  
4px 4px #81A29F; box-shadow:4px 4px 4px  
4px #81A29F }
```

Background

The CSS property to change the background color of an element to Hex 81A29F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A29F }
```

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

```
.background{ background-color:#81A29F }
```

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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