

Converting Colors

Hex(81B29A)

Have a look what the booklet for
Hex(81B29A) contains.

Hex(81B29A)	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(81B29A)

Conversions

Conversions Part 1

Format	Color
Hex	81B29A
RGB	129, 178, 154
RGB Percent	51%, 70%, 60%
CMY	0.4941, 0.3020, 0.3961
CMYK	0.28, 0.00, 0.13, 0.30
HSL	151°, 24%, 60%
HSV	151°, 28%, 70%
XYZ	30.8064, 38.8410, 36.4452
YIQ	160.6130, -21.5000, -17.8520

Conversions

Conversions Part 2

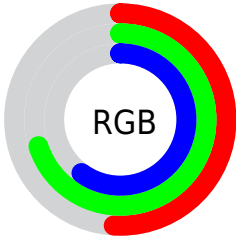
Format	Color
RYB	129, 161, 178
Decimal	8499866
CIELab	68.64, -21.35, 7.06
CIELCh	69, 22.491, 161.706
Yxy	38.8410, 0.2904, 0.3661
Android (android.graphics.Color)	4286689946 (0xFF81B29A)
YUV	160.6130, -3.2602, -27.7246
Hunter-Lab	62.3226, -20.8309, 8.9539

Details

The Hex color **81B29A** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B28199**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B7EAD0**, and **4E7D67** is the 20% darker color. If you saturate the color by 10%, you get **6FB291**, and if you desaturate by 10%, it is **93B2A3**.

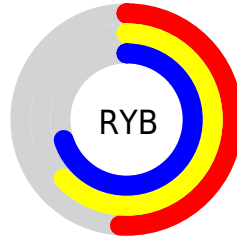
Distribution



Red (51%)

Green (70%)

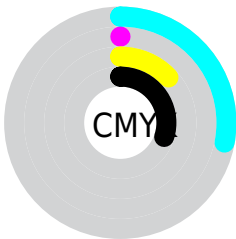
Blue (60%)



Red (51%)

Yellow (63%)

Blue (70%)

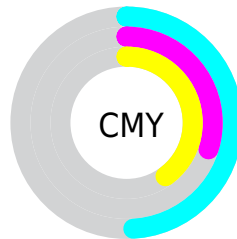


Cyan (28%)

Magenta (0%)

Yellow (13%)

Black (30%)



Cyan (49%)

Magenta (30%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81B29A 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 81B29A by changing the saturation by 10% instead.



81B29A



81B29A

FFFFFF



679780



B7EAD0



4E7D67



D3FFED



36644F



EFFFFFF



1D4C38



033523



00200D



000000



81B29A



81B29A



6FB291



93B2A3

 5DB289

 A5B2AB

 4CB280

 B6B2B4

 3AB277

 C8B2BD

 28B26E

 DAB2C6

 16B266

 ECB2CE

 04B25D

 FEB2D7

 00B25B

 FFB2E0

 FFB2E8

Harmonies

Analogous

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



98AE89



81B29A



71B3AF

Triad

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



81B29A



9AA7CF



CE9C8D

Complementary

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



81B29A



B28199

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.



D199A0



81B29A



B5A0C6

Square

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



81B29A



7FADCD



C89AB5



C2A281

Rectangle

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



81B29A



6DB2BC



C89AB5



D09A93

Sweetspot

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



81B29A



D5E8DF



9AB281



6A7570



F5F5F5



757575

Same Dimension

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



81B29A



9BE8C3



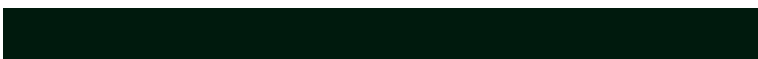
81B2B2



505955



00994E



001A0D

Inverse Universe

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



B28199



E89BC1



B28181



595055



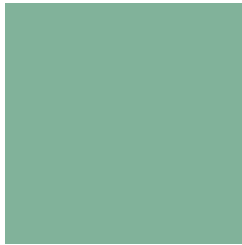
99004B



1A000C

Previews

White Background



This preview shows how the Hex color 81B29A looks on a white background.

Color Contrast Check

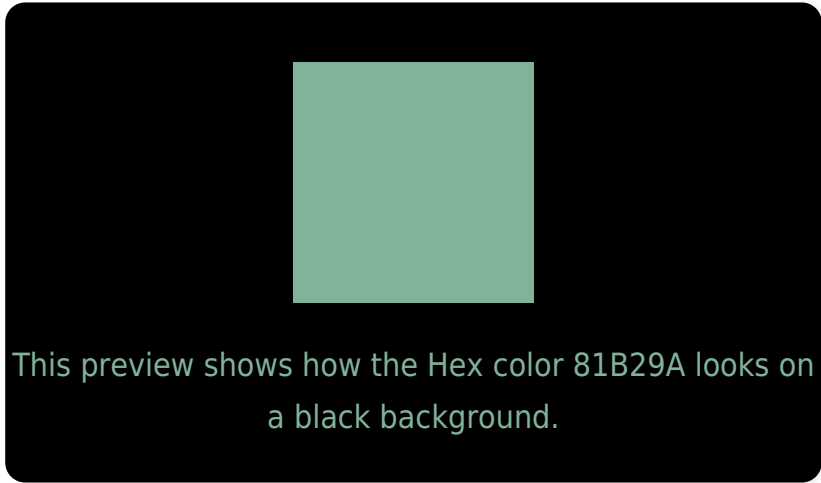
Large Text (above 18pt) WCAG AA × Fail

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

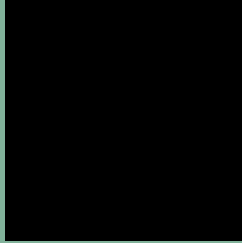
Any Text WCAG AA ✓ Pass

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 81B29A Background



This preview shows how black text looks on a background with the Hex color 81B29A.

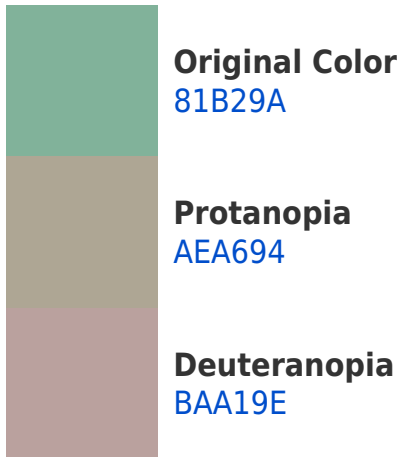


This preview shows how white text looks on a background with the Hex color 81B29A.

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
88ADBB

Trichromacy



Original Color
81B29A

Protanomaly
9EAA96

Deuteranomaly
A5A79D

Tritanomaly
85AFAF

Monochromacy



Original Color
81B29A

Achromatopsia
A1A1A1

Achromatomaly
95A79E

CSS Examples

Text

The CSS property to change the color of the text to Hex 81B29A 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 #81B29A looks like.

```
.text, #text, p{  
    color:#81B29A  
}
```

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 #81B29A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B29A
}
```

Border

The CSS property to change the border of an element to Hex 81B29A 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
#81B29A }
```

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

```
.border{ border-color:#81B29A }
```

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

Here you see how a box with a 4 pixel #81B29A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B29A; -webkit-box-shadow:4px 4px  
4px 4px #81B29A; box-shadow:4px 4px 4px  
4px #81B29A }
```

Background

The CSS property to change the background color of an element to Hex 81B29A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B29A }
```

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

```
.background{ background-color:#81B29A }
```

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