

Converting Colors

Hex(81509D)

Have a look what the booklet for
Hex(81509D) contains.

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Color

Hex(81509D)

Conversions

Conversions Part 1

Format	Color
Hex	81509D
RGB	129, 80, 157
RGB Percent	51%, 31%, 62%
CMY	0.4941, 0.6863, 0.3843
CMYK	0.18, 0.49, 0.00, 0.38
HSL	278°, 32%, 46%
HSV	278°, 49%, 62%
XYZ	18.0077, 12.8388, 33.4273
YIQ	103.4290, 4.4870, 34.3350

Conversions

Conversions Part 2

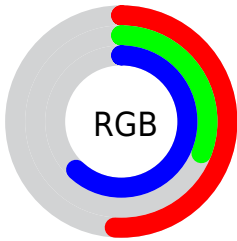
Format	Color
R _Y B	129, 80, 157
Decimal	8474781
CIE Lab	42.52, 34.93, -34.02
CIE LCh	43, 48.766, 315.756
Yxy	12.8388, 0.2802, 0.1998
Android (android.graphics.Color)	4286664861 (0xFF81509D)
YUV	103.4290, 26.4105, 22.4258
Hunter-Lab	35.8312, 27.0042, -30.2304

Details

The Hex color **81509D** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **6C9D50**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **B783D4**, and **4D2069** is the 20% darker color. If you saturate the color by 10%, you get **7B409D**, and if you desaturate by 10%, it is **87609D**.

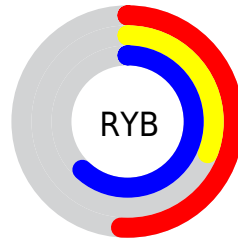
Distribution



Red (51%)

Green (31%)

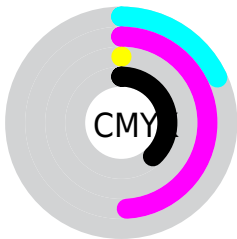
Blue (62%)



Red (51%)

Yellow (31%)

Blue (62%)

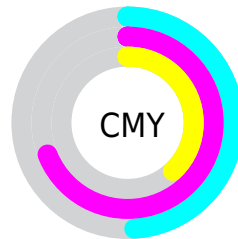


Cyan (18%)

Magenta (49%)

Yellow (0%)

Black (38%)



Cyan (49%)


Magenta (69%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81509D 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 81509D by changing the saturation by 10% instead.

 81509D

 81509D

FFFFFF

 673883

 B783D4

 4D2069

 D49DF0

 350751

 F0B8FF

 1F0039

 FFD4FF


 000023

 FFF1FF

 000009

 000000

 81509D

 81509D

 7B409D

 87609D

76319D

8C6F9D

70219D

927F9D

6A119D

988F9D

64019D

9E9F9D

64009D

A3AE9D

A9BE9D

AFCE9D

B4DD9D

Harmonies

Analogous

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



3C62B2



81509D



A34079

Triad

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



81509D



885B0C



007779

Complementary

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



81509D



6C9D50

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.



00764F



81509D



646907

Square

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



81509D



A24B2C



357228



00759D

Rectangle

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



81509D



AC3C5E



357228



00776B

Sweetspot

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



81509D



C1ADCC



506C9D



5F5466



E6E6E6



666666

Same Dimension

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



81509D



A054CC



9D5093



4C474F



5B008F



0A000F

Inverse Universe

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



9D506C



CC547F



509D5A



4F474A



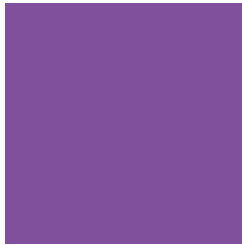
8F0034



0F0006

Previews

White Background



This preview shows how the Hex color 81509D looks on a white background.

Color Contrast Check

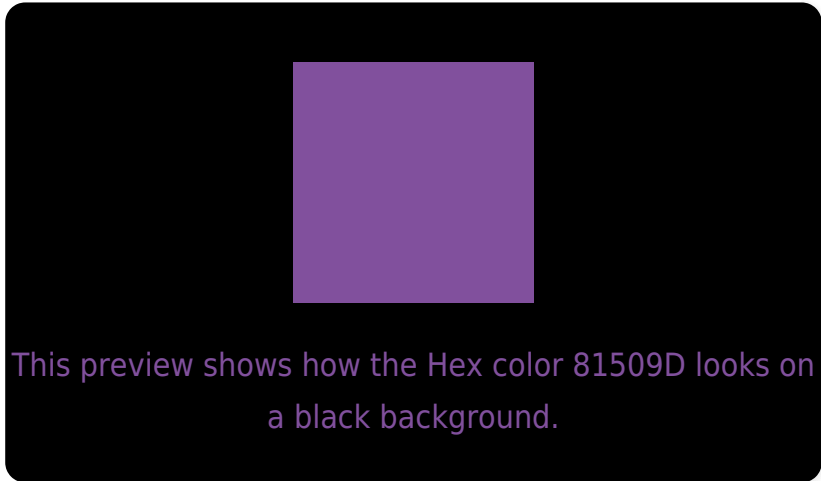
Large Text (above 18pt) WCAG AA ✓ Pass

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

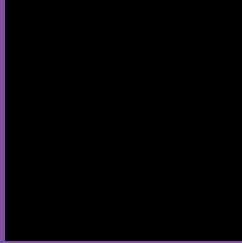
Any Text WCAG AA × Fail

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 81509D Background



This preview shows how black text looks on a background with the Hex color 81509D.

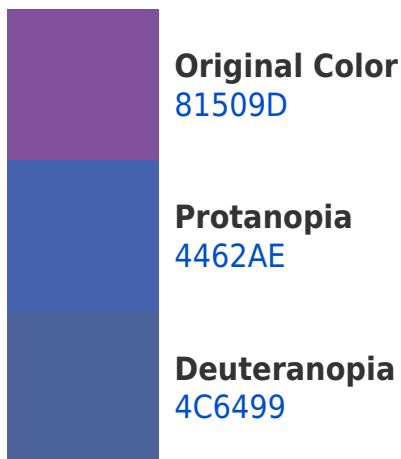



This preview shows how white text looks on a background with the Hex color 81509D.

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
785D65

Trichromacy



Original Color
81509D



Protanomaly
5A5BA8



Deuteranomaly
5F5D9A



Tritanomaly
7B5879

Monochromacy



Original Color
81509D



Achromatopsia
676767



Achromatomaly
705F7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 81509D 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 #81509D looks like.

```
.text, #text, p{  
    color:#81509D  
}
```

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 #81509D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81509D
}
```

Border

The CSS property to change the border of an element to Hex 81509D is called "border". The border property can be set on classes, ids or directly on the HTML element.

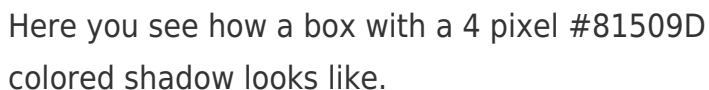
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81509D }
```

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

```
.border{ border-color:#81509D }
```

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



Here you see how a box with a 4 pixel #81509D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81509D; -webkit-box-shadow:4px 4px  
4px 4px #81509D; box-shadow:4px 4px 4px  
4px #81509D }
```

Background

The CSS property to change the background color of an element to Hex 81509D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81509D }
```

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

```
.background{ background-color:#81509D }
```

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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