

Converting Colors

Hex(80949D)

Have a look what the booklet for
Hex(80949D) contains.

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Color

Hex(80949D)

Conversions

Conversions Part 1

Format	Color
Hex	80949D
RGB	128, 148, 157
RGB Percent	50%, 58%, 62%
CMY	0.4980, 0.4196, 0.3843
CMYK	0.18, 0.06, 0.00, 0.38
HSL	199°, 13%, 56%
HSV	199°, 18%, 62%
XYZ	25.5778, 28.2033, 35.9940
YIQ	143.0460, -14.8090, -1.4410

Conversions

Conversions Part 2

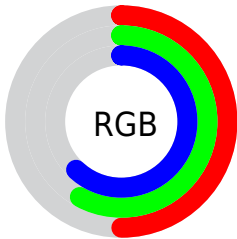
Format	Color
RYB	128, 140, 157
Decimal	8426653
CIELab	60.07, -5.09, -7.13
CIElCh	60, 8.759, 234.488
Yxy	28.2033, 0.2849, 0.3142
Android (android.graphics.Color)	4286616733 (0xFF80949D)
YUV	143.0460, 6.8793, -13.1953
Hunter-Lab	53.1068, -6.9661, -3.0100

Details

The Hex color **80949D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9D8980**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B5CAD4**, and **4E616A** is the 20% darker color. If you saturate the color by 10%, you get **708F9D**, and if you desaturate by 10%, it is **90999D**.

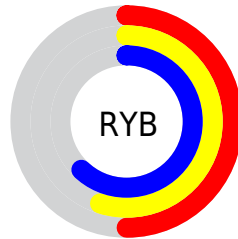
Distribution



Red (50%)

Green (58%)

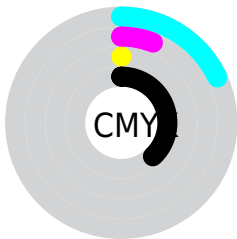
Blue (62%)



Red (50%)

Yellow (55%)

Blue (62%)

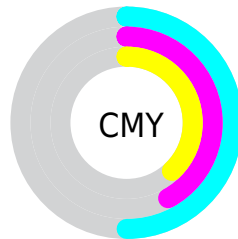


Cyan (18%)

Magenta (6%)

Yellow (0%)

Black (38%)



Cyan (50%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80949D 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 80949D by changing the saturation by 10% instead.

■ 80949D

■ 80949D

FFFFFF

■ 677A83

■ B5CAD4

■ 4E616A

■ D1E6F0

■ 374A52

■ EDFFFF

■ 21333B

■ 0B1E25

■ 000110

■ 000000

■ 80949D

■ 80949D

■ 708F9D

■ 90999D

618A9D

9F9E9D

51859D

AFA39D

41819D

BFA79D

317C9D

CFAC9D

22779D

DEB19D

12729D

EEB69D

026D9D

FEBB9D

006C9D

FFC09D

Harmonies

Analogous

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



7E9597



80949D



8792A0

Triad

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



80949D



A08C92



909283

Complementary

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



80949D



9D8980

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.



999082



80949D



A28C8B

Square

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



80949D



9A8D9A



9F8D84



879488

Rectangle

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



80949D



8D90A0



9F8D84



939182

Sweetspot

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



80949D



C0C8CC



809D89



5F6466



E6E6E6



666666

Same Dimension

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



80949D



9FBECC



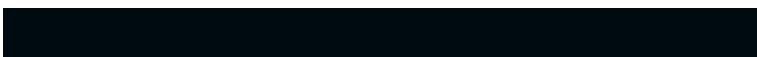
80869D



474D4F



00628F



000B0F

Inverse Universe

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



9D8094



CC9FBE



9D9780



4F474D



8F0062



0F000B

Previews

White Background



This preview shows how the Hex color 80949D looks on a white background.

Color Contrast Check

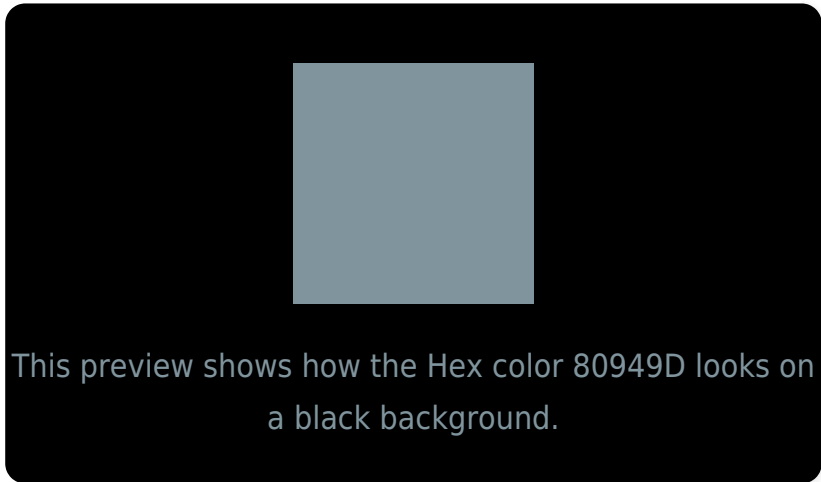
Large Text (above 18pt) WCAG AA ✓ Pass

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

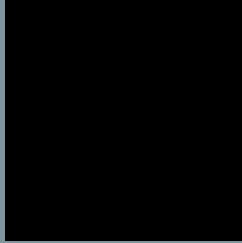
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

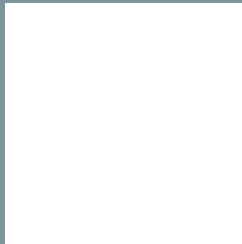
Any Text WCAG AAA × Fail

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

Hex 80949D Background



This preview shows how black text looks on a background with the Hex color 80949D.

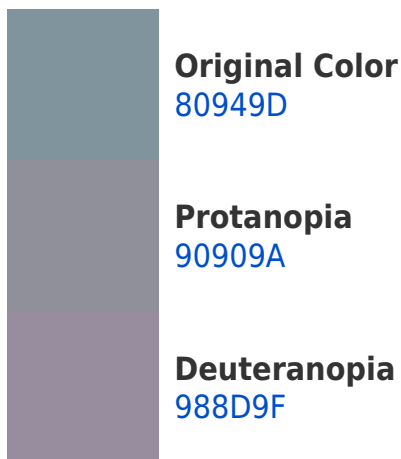


This preview shows how white text looks on a background with the Hex color 80949D.

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
80949F

Trichromacy



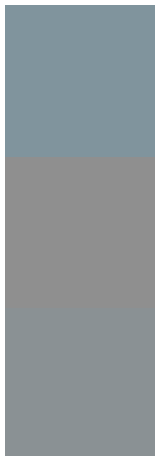
Original Color
80949D

Protanomaly
8A919B

Deuteranomaly
8F909E

Tritanomaly
80949E

Monochromacy



Original Color
80949D

Achromatopsia
8F8F8F

Achromatomaly
8A9194

CSS Examples

Text

The CSS property to change the color of the text to Hex 80949D 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 #80949D looks like.

```
.text, #text, p{  
    color:#80949D  
}
```

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 #80949D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80949D
}
```

Border

The CSS property to change the border of an element to Hex 80949D 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
#80949D }
```

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

```
.border{ border-color:#80949D }
```

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

Here you see how a box with a 4 pixel #80949D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80949D; -webkit-box-shadow:4px 4px  
4px 4px #80949D; box-shadow:4px 4px 4px  
4px #80949D }
```

Background

The CSS property to change the background color of an element to Hex 80949D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80949D }
```

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

```
.background{ background-color:#80949D }
```

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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