

# Converting Colors

Hex(82949A)

Have a look what the booklet for  
Hex(82949A) contains.

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# Color

Hex(82949A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82949A
RGB	130, 148, 154
RGB Percent	51%, 58%, 60%
CMY	0.4902, 0.4196, 0.3961
CMYK	0.16, 0.04, 0.00, 0.40
HSL	195°, 11%, 56%
HSV	195°, 16%, 60%
XYZ	25.6286, 28.2587, 34.6756
YIQ	143.3020, -12.6540, -1.9500

# Conversions

## Conversions Part 2

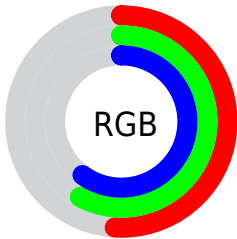
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 140, 154
Decimal	8557722
CIE <sub>Lab</sub>	60.12, -5.09, -5.33
CIE <sub>LCh</sub>	60, 7.373, 226.349
Yxy	28.2587, 0.2894, 0.3191
Android (android.graphics.Color)	4286747802 (0xFF82949A)
YUV	143.3020, 5.2741, -11.6659
Hunter-Lab	53.1589, -6.9712, -1.4636

# Details

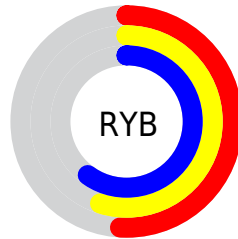
The Hex color **82949A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9A8882**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B7CAD0**, and **506167** is the 20% darker color. If you saturate the color by 10%, you get **73909A**, and if you desaturate by 10%, it is **91989A**.

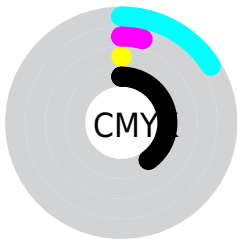
# Distribution



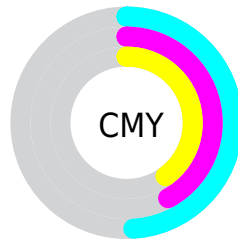
- Red (51%)
- Green (58%)
- Blue (60%)



- Red (51%)
- Yellow (55%)
- Blue (60%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (42%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82949A 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 82949A by changing the saturation by 10% instead.



■ 82949A

■ 82949A

FFFFFF

■ 697A80

■ B7CAD0

■ 506167

■ D3E6ED

■ 394A4F

■ EFFFFFF

■ 233338

■ 0E1E23

■ 00010D

■ 000000

■ 82949A

■ 82949A

■ 73909A

■ 91989A

638C9A

A19C9A

54889A

B0A09A

44859A

C0A39A

35819A

CFA79A

267D9A

DEAB9A

16799A

EAAF9A

07759A

FDB39A

00749A

FFB79A

# Harmonies

## Analogous

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



819594



82949A



87929D

# Triad

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



82949A



9C8D94



939284

# Complementary

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



82949A



9A8882

# 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.



998F84



82949A



9F8D8D

# Square

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



82949A



968E9A



9E8E88



8B9388

# Rectangle

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



82949A



8C919E



9E8E88



959184



# Sweetspot

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



82949A



BFC7C9



829A88



606466



E6E6E6



666666



# Same Dimension

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



82949A



A3C0C9



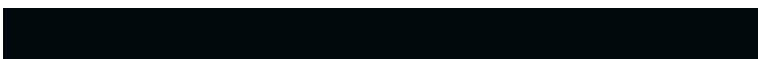
82889A



454B4D



00698C



000A0D



# Inverse Universe

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



9A8294



C9A3C0



9A9482



4D454B



8C0069



0D000A



# Previews

## White Background



This preview shows how the Hex color 82949A looks on a white background.

## Color Contrast Check

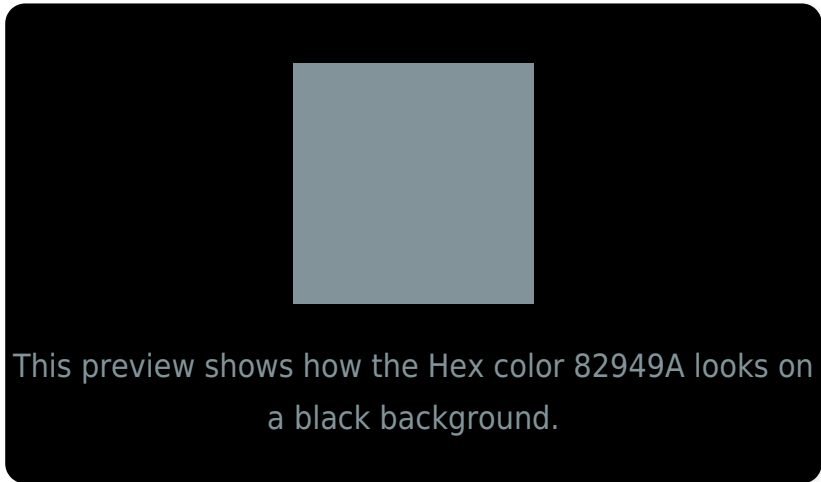
Large Text (above 18pt) WCAG AA ✓ Pass

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

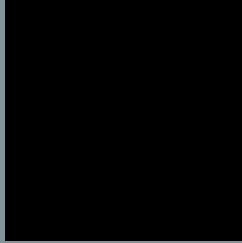
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

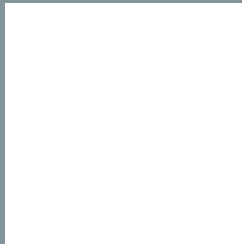
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82949A Background



This preview shows how black text looks on a background with the Hex color 82949A.

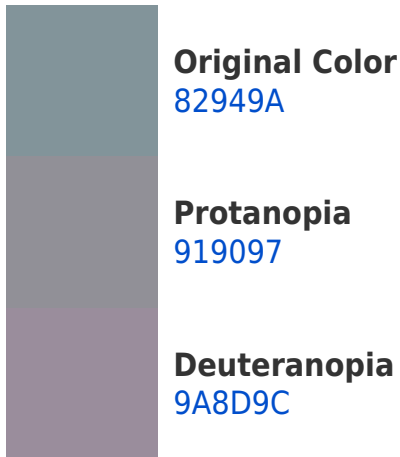


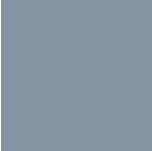
This preview shows how white text looks on a background with the Hex color 82949A.

# 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**  
83939F

# Trichromacy



**Original Color**  
82949A

**Protanomaly**  
8C9198

**Deuteranomaly**  
91909B

**Tritanomaly**  
83939D

# Monochromacy



**Original Color**  
82949A

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
8A9193

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82949A 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 #82949A looks like.

```
.text, #text, p{  
    color:#82949A  
}
```

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 #82949A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82949A
}
```

## Border

The CSS property to change the border of an element to Hex 82949A 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
#82949A }
```

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

```
.border{ border-color:#82949A }
```

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

Here you see how a box with a 4 pixel #82949A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82949A; -webkit-box-shadow:4px 4px  
4px 4px #82949A; box-shadow:4px 4px 4px  
4px #82949A }
```

# Background

The CSS property to change the background color of an element to Hex 82949A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82949A }
```

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

```
.background{ background-color:#82949A }
```

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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