

Converting Colors

Hex(8936A1)

Have a look what the booklet for
Hex(8936A1) contains.

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Color

Hex(8936A1)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8936A1 |
| RGB | 137, 54, 161 |
| RGB Percent | 54%, 21%, 63% |
| CMY | 0.4627, 0.7882, 0.3686 |
| CMYK | 0.15, 0.66, 0.00, 0.37 |
| HSL | 287°, 50%, 42% |
| HSV | 287°, 66%, 63% |
| XYZ | 18.0687, 10.5299, 34.7984 |
| YIQ | 91.0150, 15.1210, 50.8730 |

Conversions

Conversions Part 2

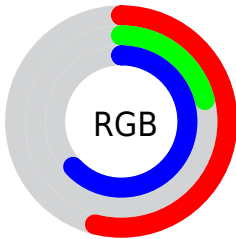
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 137, 54, 161 |
| Decimal | 8992417 |
| CIE _{Lab} | 38.78, 51.39, -42.30 |
| CIE _{LCh} | 39, 66.557, 320.543 |
| Yxy | 10.5299, 0.2850, 0.1661 |
| Android (android.graphics.Color) | 4287182497 (0xFF8936A1) |
| YUV | 91.0150, 34.5026, 40.3288 |
| Hunter-Lab | 32.4498, 42.6052, -40.8662 |

Details

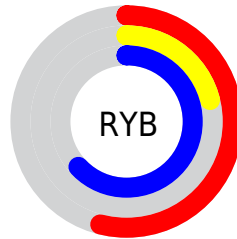
The Hex color **8936A1** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4EA136**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **C16BD8**, and **53006D** is the 20% darker color. If you saturate the color by 10%, you get **8526A1**, and if you desaturate by 10%, it is **8D46A1**.

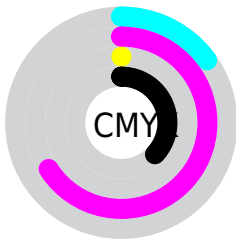
Distribution



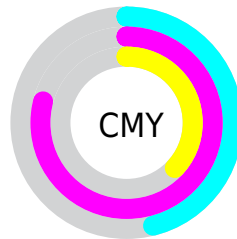
- Red (54%)
- Green (21%)
- Blue (63%)



- Red (54%)
- Yellow (21%)
- Blue (63%)



- Cyan (15%)
- Magenta (66%)
- Yellow (0%)
- Black (37%)



- Cyan (46%)
- Magenta (79%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8936A1 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 8936A1 by changing the saturation by 10% instead.

8936A1

8936A1

FFFFFF

6E1986

C16BD8

53006D

DE86F5

390054

FBA1FF

23003C

FFBDFE

000025

FFD9FF

00010E

FFF6FF

000000

8936A1

8936A1

8526A1

8D46A1

8216A1

9056A1

7E06A1

9466A1

7D00A1

9776A1

9B87A1

9F97A1

A2A7A1

A6B7A1

AAC7A1

Harmonies

Analogous

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



1455C2



8936A1



B0066F

Triad

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



8936A1



7E5300



007280

Complementary

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



8936A1



4EA136

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.



007148



8936A1



4D6400

Square

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



8936A1



A33800



006D05



0070AF

Rectangle

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



8936A1



B7004B



006D05



00726E

Sweetspot

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



8936A1



C8A7D1



364FA1



634F69



E8E8E8



696969

Same Dimension

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



8936A1



AC2AD1



A13684



504952



710091



0E0012

Inverse Universe

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



A1364E



D12A4F



36A153



52494B



910021



120004

Previews

White Background



This preview shows how the Hex color 8936A1 looks on a white background.

Color Contrast Check

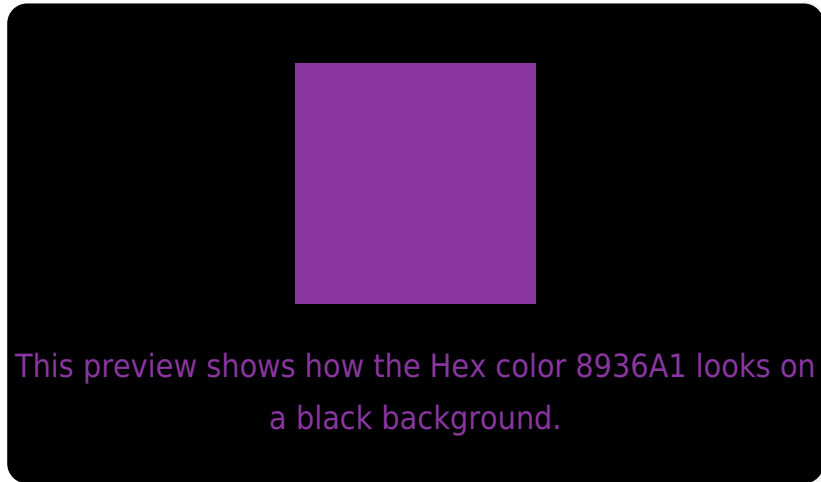
Large Text (above 18pt) WCAG AA ✓ Pass

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

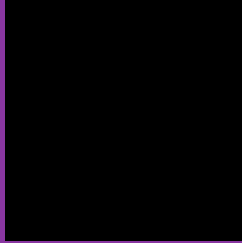
Any Text WCAG AA × Fail

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 8936A1 Background



This preview shows how black text looks on a background with the Hex color 8936A1.

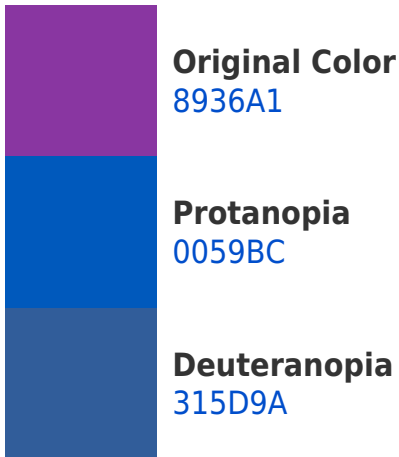



This preview shows how white text looks on a background with the Hex color 8936A1.

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
7E4E54

Trichromacy



Original Color
8936A1



Protanomaly
324CB2



Deuteranomaly
514F9D



Tritanomaly
824570

Monochromacy



Original Color
8936A1



Achromatopsia
5B5B5B



Achromatomaly
6C4E74

CSS Examples

Text

The CSS property to change the color of the text to Hex 8936A1 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 #8936A1 looks like.

```
.text, #text, p{  
    color:#8936A1  
}
```

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 #8936A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8936A1
}
```

Border

The CSS property to change the border of an element to Hex 8936A1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

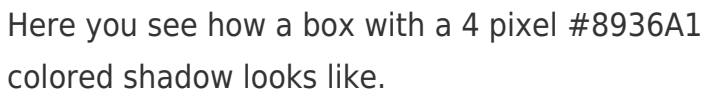
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8936A1 }
```

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

```
.border{ border-color:#8936A1 }
```

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



Here you see how a box with a 4 pixel #8936A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8936A1; -webkit-box-shadow:4px 4px  
4px 4px #8936A1; box-shadow:4px 4px 4px  
4px #8936A1 }
```

Background

The CSS property to change the background color of an element to Hex 8936A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8936A1 }
```

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

```
.background{ background-color:#8936A1 }
```

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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