

Converting Colors

Hex(936D9B)

Have a look what the booklet for
Hex(936D9B) contains.

Hex(936D9B)	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(936D9B)

Conversions

Conversions Part 1

Format	Color
Hex	936D9B
RGB	147, 109, 155
RGB Percent	58%, 43%, 61%
CMY	0.4235, 0.5725, 0.3922
CMYK	0.05, 0.30, 0.00, 0.39
HSL	290°, 19%, 52%
HSV	290°, 30%, 61%
XYZ	23.4177, 19.5069, 33.5413
YIQ	125.6060, 7.8820, 22.3620

Conversions

Conversions Part 2

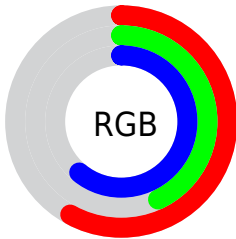
Format	Color
R_{YB}	147, 109, 155
Decimal	9661851
CIE _{Lab}	51.28, 23.47, -19.08
CIE _{LCh}	51, 30.251, 320.892
Yxy	19.5069, 0.3062, 0.2551
Android (android.graphics.Color)	4287851931 (0xFF936D9B)
YUV	125.6060, 14.4912, 18.7625
Hunter-Lab	44.1666, 17.3513, -14.1098

Details

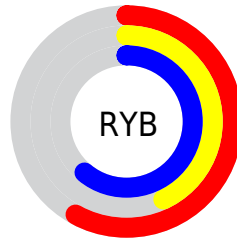
The Hex color **936D9B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **759B6D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **CAA1D2**, and **603D68** is the 20% darker color. If you saturate the color by 10%, you get **905E9B**, and if you desaturate by 10%, it is **967C9B**.

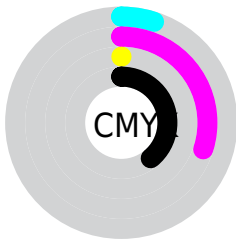
Distribution



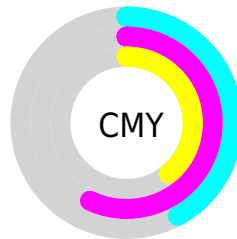
- Red (58%)
- Green (43%)
- Blue (61%)



- Red (58%)
- Yellow (43%)
- Blue (61%)



- Cyan (5%)
- Magenta (30%)
- Yellow (0%)
- Black (39%)



- Cyan (42%)
- Magenta (57%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 936D9B 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 936D9B by changing the saturation by 10% instead.



936D9B



936D9B

FFFFFF



795481



CAA1D2



603D68



E6BCEE



47264F



FFD8FF



301038



FFF5FF



1E0023



00000A



000000



936D9B



936D9B



905E9B



967C9B

 8E4E9B

 988C9B

 8B3F9B

 9B9B9B

 882F9B

 9EAB9B

 86209B

 A0BA9B

 83109B

 A3CA9B

 80019B

 A6DA9B

 80009B

 A9E99B

 ABF99B

Harmonies

Analogous

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



7276AA



936D9B



A76783

Triad

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



936D9B



927647



0C888C

Complementary

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



936D9B



759B6D

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.



398771



936D9B



797E49

Square

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



936D9B



A56D53



5B8459



1285A2

Rectangle

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



936D9B



AC6672



5B8459



1D8883

Sweetspot

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



936D9B



C6B7C9



6D759B



645B66



E6E6E6



666666

Same Dimension

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



936D9B



BD81C9



9B6D8C



4B454D



74008C



0B000D

Inverse Universe

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



9B6D75



C9818E



6D9B7C



4D4546



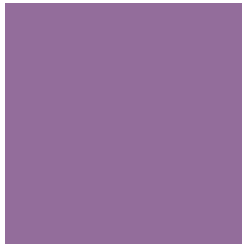
8C0018



0D0002

Previews

White Background



This preview shows how the Hex color 936D9B 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

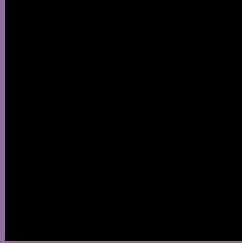
Any Text WCAG AA ✓ Pass

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 936D9B Background



This preview shows how black text looks on a background with the Hex color 936D9B.

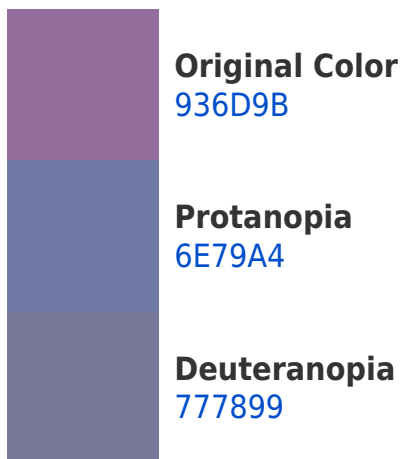


This preview shows how white text looks on a background with the Hex color 936D9B.

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
8F737C

Trichromacy



Original Color
936D9B

Protanomaly
7B75A1

Deuteranomaly
81749A

Tritanomaly
907187

Monochromacy



Original Color
936D9B

Achromatopsia
7E7E7E

Achromatomaly
867889

CSS Examples

Text

The CSS property to change the color of the text to Hex 936D9B 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 #936D9B looks like.

```
.text, #text, p{  
    color:#936D9B  
}
```

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 #936D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936D9B
}
```

Border

The CSS property to change the border of an element to Hex 936D9B is called "border". The border property can be set on classes, ids or directly on the HTML element.

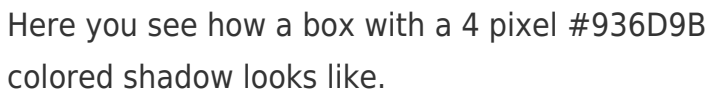
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#936D9B }
```

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

```
.border{ border-color:#936D9B }
```

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



Here you see how a box with a 4 pixel #936D9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936D9B; -webkit-box-shadow:4px 4px  
4px 4px #936D9B; box-shadow:4px 4px 4px  
4px #936D9B }
```

Background

The CSS property to change the background color of an element to Hex 936D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936D9B }
```

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

```
.background{ background-color:#936D9B }
```

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