

# Converting Colors

Hex(936C93)

Have a look what the booklet for  
Hex(936C93) contains.

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**Color**

**Hex(936C93)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	936C93
RGB	147, 108, 147
RGB Percent	58%, 42%, 58%
CMY	0.4235, 0.5765, 0.4235
CMYK	0.00, 0.27, 0.00, 0.42
HSL	300°, 15%, 50%
HSV	300°, 27%, 58%
XYZ	22.6616, 19.0348, 30.0834
YIQ	124.1070, 10.7250, 20.3970

# Conversions

## Conversions Part 2

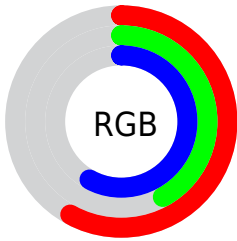
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 108, 147
Decimal	9661587
CIE <sub>Lab</sub>	50.73, 22.42, -15.21
CIE <sub>LCh</sub>	51, 27.097, 325.842
Yxy	19.0348, 0.3157, 0.2652
Android (android.graphics.Color)	4287851667 (0xFF936C93)
YUV	124.1070, 11.2862, 20.0772
Hunter-Lab	43.6288, 16.3658, -10.3421

# Details

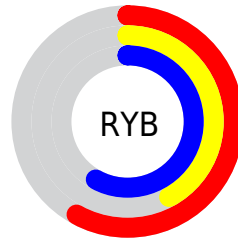
The Hex color **936C93** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6C936C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C9A0C9**, and **603C60** is the 20% darker color. If you saturate the color by 10%, you get **935D93**, and if you desaturate by 10%, it is **937B93**.

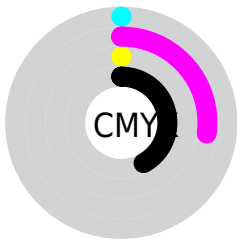
# Distribution



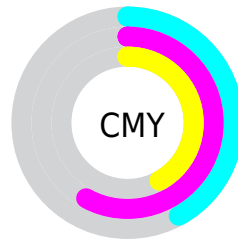
- Red (58%)
- Green (42%)
- Blue (58%)



- Red (58%)
- Yellow (42%)
- Blue (58%)



- Cyan (0%)
- Magenta (27%)
- Yellow (0%)
- Black (42%)



- Cyan (42%)
- Magenta (58%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 936C93 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 936C93 by changing the saturation by 10% instead.



936C93

936C93

FFFFFF

795379

C9A0C9

603C60

E6BBE5

472549

FFD7FF

301032

FFF3FF

1E001D

000000

936C93

936C93

935D93

937B93

934F93

938993

934093

939893

933193

93A793

932393

93B593

931493

93C493

930593

93D393

930093

93E293

93F093

# Harmonies

## Analogous

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



7774A2



936C93



A3677D

# Triad

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



936C93



8B764B



25858C

# Complementary

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



936C93



6C936C

# 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.



3C8575



936C93



747D4F

# Square

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



936C93



9D6E53



59835E



30829E

# Rectangle

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



936C93



A6676D



59835E



2B8585



# Sweetspot

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



936C93



BFB0BF



6C6C93



615761



E0E0E0



616161



# Same Dimension

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



936C93



BF82BF



936C7F



4A434A



8A008A



0A000A



# Inverse Universe

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



936C93



BF82BF



6C937F



4A434A



8A008A

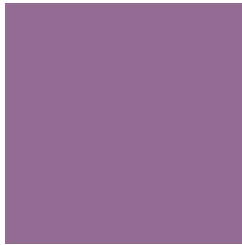


0A000A



# Previews

## White Background



This preview shows how the Hex color 936C93 looks on a white background.

## Color Contrast Check

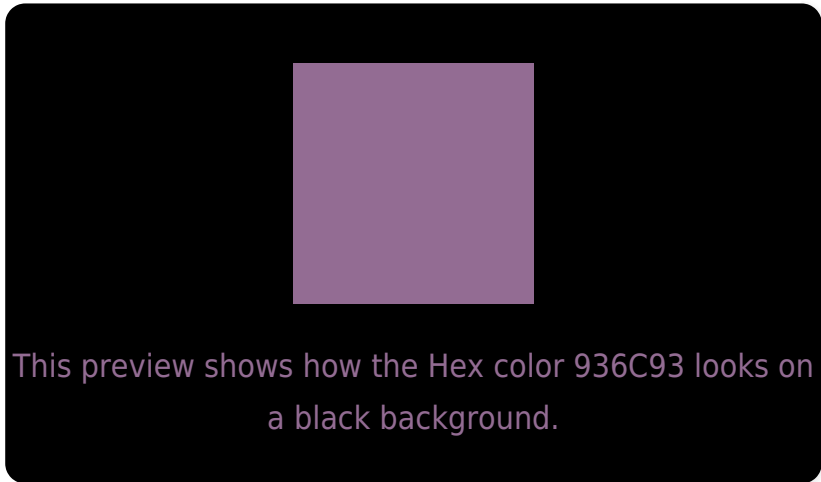
Large Text (above 18pt) WCAG AA ✓ Pass

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

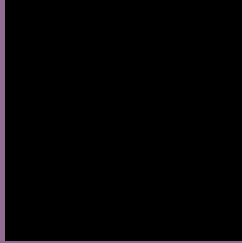
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 936C93 Background



This preview shows how black text looks on a background with the Hex color 936C93.

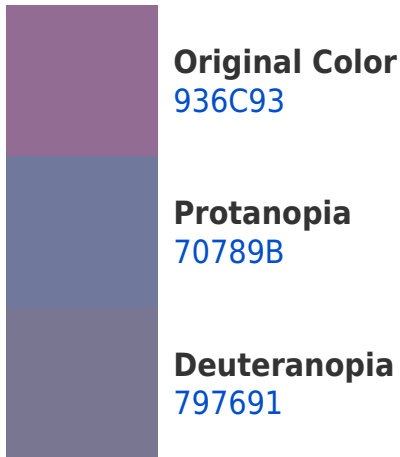


This preview shows how white text looks on a background with the Hex color 936C93.

# 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**  
90717A

# Trichromacy



**Original Color**  
936C93

**Protanomaly**  
7D7498

**Deuteranomaly**  
827292

**Tritanomaly**  
916F83

# Monochromacy



**Original Color**  
936C93

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
847684

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 936C93 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 #936C93 looks like.

```
.text, #text, p{  
    color:#936C93  
}
```

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 #936C93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936C93  
}
```

## Border

The CSS property to change the border of an element to Hex 936C93 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  
#936C93 }
```

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

```
.border{ border-color:#936C93 }
```

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

Here you see how a box with a 4 pixel #936C93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936C93; -webkit-box-shadow:4px 4px  
4px 4px #936C93; box-shadow:4px 4px 4px  
4px #936C93 }
```

# Background

The CSS property to change the background color of an element to Hex 936C93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936C93 }
```

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

```
.background{ background-color:#936C93 }
```

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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