

# Converting Colors

Hex(936C76)

Have a look what the booklet for  
Hex(936C76) contains.

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**Color**

**Hex(936C76)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 936C76                     |
| RGB           | 147, 108, 118              |
| RGB Percent   | 58%, 42%, 46%              |
| CMY           | 0.4235, 0.5765, 0.5373     |
| CMYK          | 0.00, 0.27, 0.20, 0.42     |
| HSL           | 345°, 15%, 50%             |
| HSV           | 345°, 27%, 58%             |
| XYZ           | 20.6652, 18.2362, 19.5703  |
| YIQ           | 120.8010, 20.0340, 11.3780 |

# Conversions

## Conversions Part 2

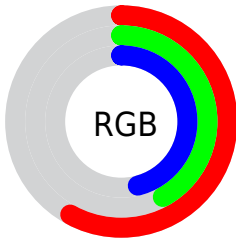
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 147, 108, 118                 |
| Decimal                             | 9661558                       |
| CIE <sub>Lab</sub>                  | 49.78, 17.12, 0.55            |
| CIE <sub>LCh</sub>                  | 50, 17.125, 1.830             |
| Yxy                                 | 18.2362, 0.3534,<br>0.3119    |
| Android<br>(android.graphics.Color) | 4287851638<br>(0xFF936C76)    |
| YUV                                 | 120.8010, -1.3809,<br>22.9765 |
| Hunter-Lab                          | 42.7038, 11.6478,<br>2.7213   |

# Details

The Hex color **936C76** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6C9389**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **CAA0AA**, and **603C46** is the 20% darker color. If you saturate the color by 10%, you get **935D6B**, and if you desaturate by 10%, it is **937B81**.

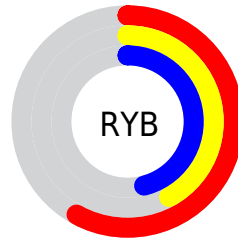
# Distribution



Red (58%)

Green (42%)

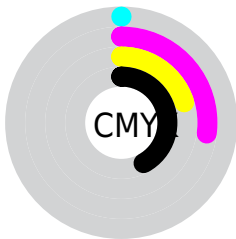
Blue (46%)



Red (58%)

Yellow (42%)

Blue (46%)

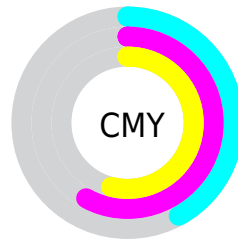


Cyan (0%)

Magenta (27%)

Yellow (20%)

Black (42%)



Cyan (42%)

Magenta (58%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 936C76 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 936C76 by changing the saturation by 10% instead.



 936C76

 936C76

FFFFFF

 79545D

 CAA0AA

 603C46

 E6BBC5

 472630

 FFD7E1

 30111B

 FFF3FE

 1E0001

 000000

 936C76

 936C76

 935D6B

 937B81

 934F60

 93898C

 934055

 939897

 93314A

 93A7A2

 93233F

 93B5AD

 931434

 93C4B8

 930529

 93D3C3

 930026

 93E2CD

 93F0D8

# Harmonies

## Analogous

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



8A6E84



936C76



946D68

# Triad

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



936C76



717A5D



557C90

# Complementary

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



936C76



6C9389

# 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.



4D7E85



936C76



607D68

# Square

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



936C76



807659



527F77



667793

# Rectangle

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



936C76



906F60



527F77



517D8D



# Sweetspot

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



936C76



BFB0B4



896C93



61575A



E0E0E0



616161



# Same Dimension

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



936C76



BF8292



93756C



4A4344



8A0023



0A0003



# Inverse Universe

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



936C76



BF8292



6C8A93



4A4344



8A0023

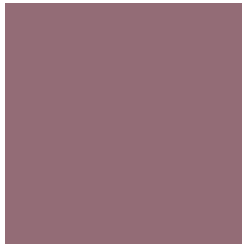


0A0003



# Previews

## White Background



This preview shows how the Hex color 936C76 looks on a white background.

## Color Contrast Check

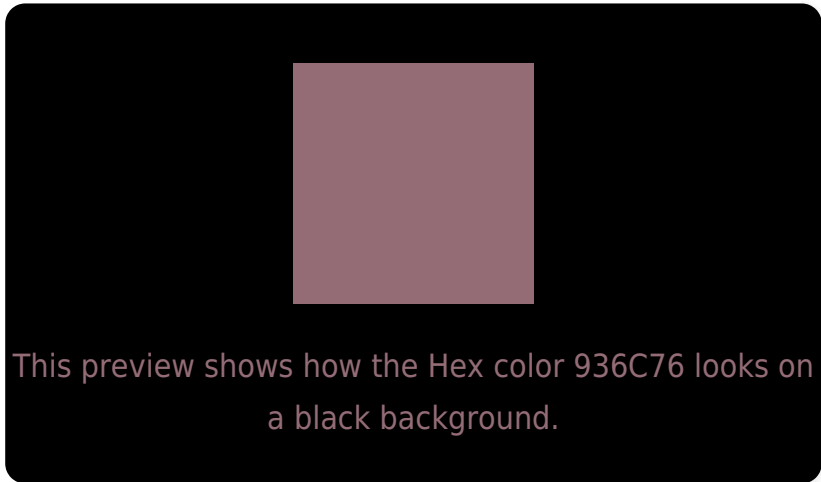
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

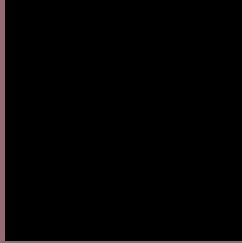
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 936C76 Background



This preview shows how black text looks on a background with the Hex color 936C76.



This preview shows how white text looks on a background with the Hex color 936C76.

# 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



**Original Color**  
936C76

**Protanopia**  
77767C

**Deuteranopia**  
837375



**Tritanopia**  
936C75

# Trichromacy



**Original Color**  
936C76

**Protanomaly**  
81727A

**Deuteranomaly**  
897075

**Tritanomaly**  
936C75

# Monochromacy



**Original Color**  
936C76

**Achromatopsia**  
797979

**Achromatomaly**  
827478

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 936C76 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 #936C76 looks like.

```
.text, #text, p{  
    color:#936C76  
}
```

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 #936C76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936C76  
}
```

## Border

The CSS property to change the border of an element to Hex 936C76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

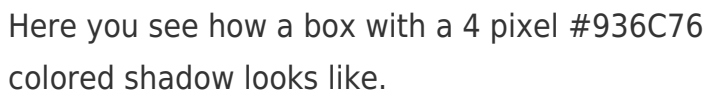
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#936C76 }
```

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

```
.border{ border-color:#936C76 }
```

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



Here you see how a box with a 4 pixel #936C76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936C76; -webkit-box-shadow:4px 4px  
4px 4px #936C76; box-shadow:4px 4px 4px  
4px #936C76 }
```

# Background

The CSS property to change the background color of an element to Hex 936C76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936C76 }
```

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

```
.background{ background-color:#936C76 }
```

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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