

# Converting Colors

Hex(9396AC)

Have a look what the booklet for  
Hex(9396AC) contains.

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# **Color**

**Hex(9396AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9396AC
RGB	147, 150, 172
RGB Percent	58%, 59%, 67%
CMY	0.4235, 0.4118, 0.3255
CMYK	0.15, 0.13, 0.00, 0.33
HSL	233°, 13%, 63%
HSV	233°, 15%, 67%
XYZ	30.3854, 30.9943, 43.4107
YIQ	151.6110, -8.8500, 6.2060

# Conversions

## Conversions Part 2

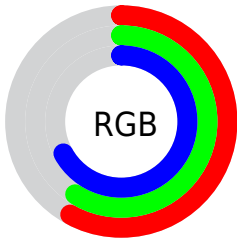
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 150, 172
Decimal	9672364
CIE Lab	62.50, 3.51, -11.85
CIE LCh	63, 12.360, 286.497
Yxy	30.9943, 0.2900, 0.2958
Android (android.graphics.Color)	4287862444 (0xFF9396AC)
YUV	151.6110, 10.0518, -4.0438
Hunter-Lab	55.6725, -0.0039, -7.2607

# Details

The Hex color **9396AC** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ACA993**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C9CCE3**, and **606378** is the 20% darker color. If you saturate the color by 10%, you get **8287AC**, and if you desaturate by 10%, it is **A4A5AC**.

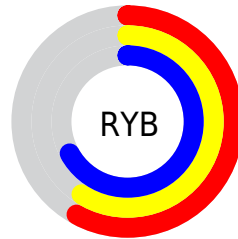
# Distribution



Red (58%)

Green (59%)

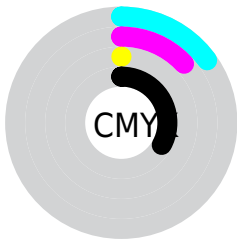
Blue (67%)



Red (58%)

Yellow (59%)

Blue (67%)

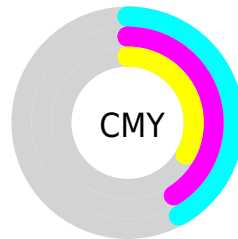


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (41%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9396AC 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 9396AC by changing the saturation by 10% instead.



■ 9396AC

■ 9396AC

FFFFFF

■ 797C91

■ C9CCE3

■ 606378

■ E5E8FF

■ 484B5F

■ 313547

■ 1C2031

■ 05081C

■ 000000

■ 9396AC

■ 9396AC

■ 8287AC

■ A4A5AC

■ 7178AC

■ B5B4AC

■ 5F69AC

■ C7C3AC

■ 4E59AC

■ D8D3AC

■ 3D4AAC

■ E9E2AC

■ 2C3BAC

■ FAF1AC

■ 1B2CAC

■ FFFFAC

■ 091DAC

■ 0015AC

# Harmonies

## Analogous

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



869AAC



9396AC



A192A6

# Triad

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



9396AC



AC9188



829D92

# Complementary

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



9396AC



ACA993

# 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.



8D9B88



9396AC



A59582

# Square

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



9396AC



AF9091



9A9882



7B9E9D

# Rectangle

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



9396AC



A891A0



9A9882



859D8E

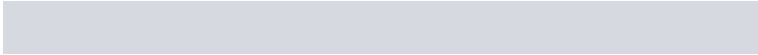


# Sweetspot

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



9396AC



D7D9E0



93ACA9



6B6B70



F0F0F0



707070



# Same Dimension

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



9396AC



BABFE0



9C93AC



4E4F57



001296



000317



# Inverse Universe

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



AC9396



E0BABF



A3AC93



574E4F



960012



170003



# Previews

## White Background



This preview shows how the Hex color 9396AC looks on a white background.

## Color Contrast Check

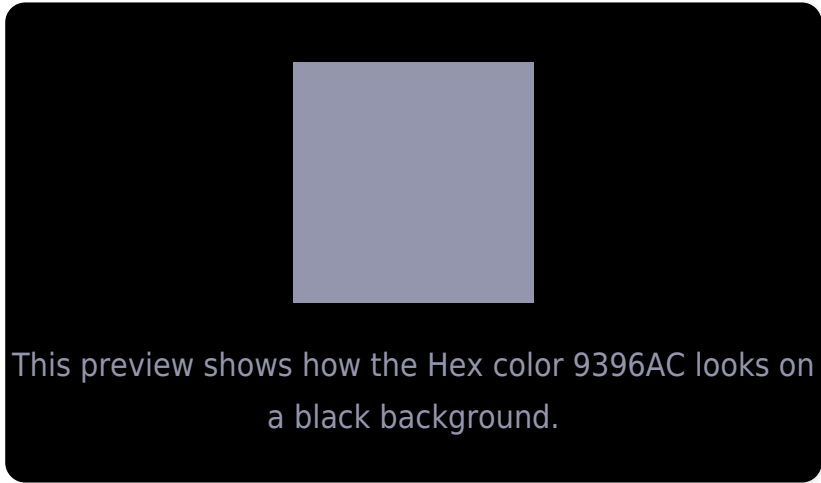
Large Text (above 18pt) WCAG AA × Fail

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

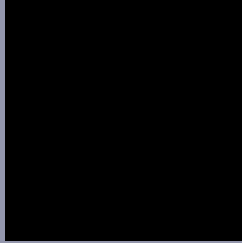
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

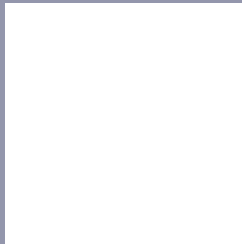
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9396AC Background



This preview shows how black text looks on a background with the Hex color 9396AC.



This preview shows how white text looks on a background with the Hex color 9396AC.

# 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**  
9396AC

**Protanopia**  
9396AC

**Deuteranopia**  
9C93AD



**Tritanopia**  
9197A3

# Trichromacy



**Original Color**  
9396AC

**Protanomaly**  
9396AC

**Deuteranomaly**  
9994AD

**Tritanomaly**  
9297A6

# Monochromacy



**Original Color**  
9396AC

**Achromatopsia**  
989898

**Achromatomaly**  
96979F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9396AC 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 #9396AC looks like.

```
.text, #text, p{  
    color:#9396AC  
}
```

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 #9396AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9396AC }
}
```

## Border

The CSS property to change the border of an element to Hex 9396AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

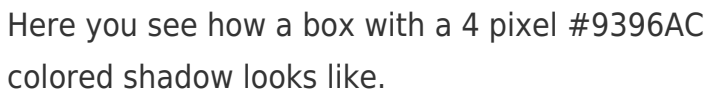
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #9396AC }
}
```

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

```
.border{ border-color:#9396AC }
```

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



Here you see how a box with a 4 pixel #9396AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9396AC; -webkit-box-shadow:4px 4px  
4px 4px #9396AC; box-shadow:4px 4px 4px  
4px #9396AC }
```

# Background

The CSS property to change the background color of an element to Hex 9396AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9396AC }
```

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

```
.background{ background-color:#9396AC }
```

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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