

# Converting Colors

Hex(969599)

Have a look what the booklet for  
Hex(969599) contains.

<b>Hex(969599)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(969599)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	969599
RGB	150, 149, 153
RGB Percent	59%, 58%, 60%
CMY	0.4118, 0.4157, 0.4000
CMYK	0.02, 0.03, 0.00, 0.40
HSL	255°, 2%, 59%
HSV	255°, 3%, 60%
XYZ	29.0749, 30.2788, 34.4490
YIQ	149.7550, -0.6880, 1.4560

# Conversions

## Conversions Part 2

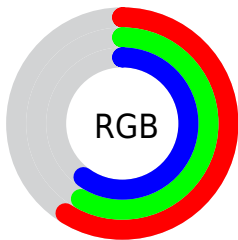
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">150, 149, 153</a>
Decimal	<a href="#">9868697</a>
CIELab	<a href="#">61.89, 1.15, -1.98</a>
CIElCh	<a href="#">62, 2.289, 300.056</a>
Yxy	<a href="#">30.2788, 0.3100, 0.3228</a>
Android (android.graphics.Color)	<a href="#">4288058777 (0xFF969599)</a>
YUV	<a href="#">149.7550, 1.5998, 0.2149</a>
Hunter-Lab	<a href="#">55.0262, -1.9795, 1.4000</a>

# Details

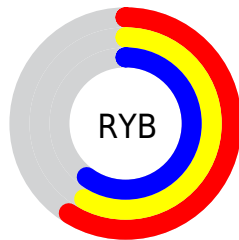
The Hex color **969599** is a light color, and the websafe version is hex **999999**. A complement of this color would be **989995**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **CCCBCF**, and **636266** is the 20% darker color. If you saturate the color by 10%, you get **8B8699**, and if you desaturate by 10%, it is **A1A499**.

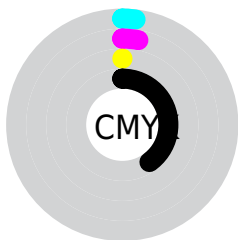
# Distribution



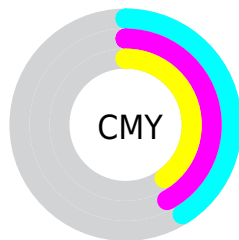
- Red (59%)
- Green (58%)
- Blue (60%)



- Red (59%)
- Yellow (58%)
- Blue (60%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (41%)
- Magenta (42%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 969599 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 969599 by changing the saturation by 10% instead.



■ 969599

■ 969599

FFFFFF

■ 7C7B7F

■ CCCBCF

■ 636266

■ E8E7EB

■ 4B4B4E

■ 353437

■ 201F22

■ 08060C

■ 000000

■ 969599

■ 969599

■ 8B8699

■ A1A499

7F7699

ADB499

746799

B8C399

685899

C4D299

5D4999

CFE299

513999

DBF199

462A99

E6FF99

3A1B99

F2FF99

2F0B99

FDF999

# Harmonies

## Analogous

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



94969A



969599



989498

# Triad

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



969599



999592



919795

# Complementary

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



969599



989995

# 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.



939793



969599



979591

# Square

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



969599



9A9494



959692



919797

# Rectangle

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



969599



999496



959692



929795



# Sweetspot

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



969599



C5C5C7



959899



636263



E3E3E3



636363



# Same Dimension

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



969599



C2C1C7



989599



4A494D



23008C



03000D



# Inverse Universe

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



999598



C7C1C5



969995



4D494C



8C0069



0D000A



# Previews

## White Background



This preview shows how the Hex color 969599 looks on a white background.

## Color Contrast Check

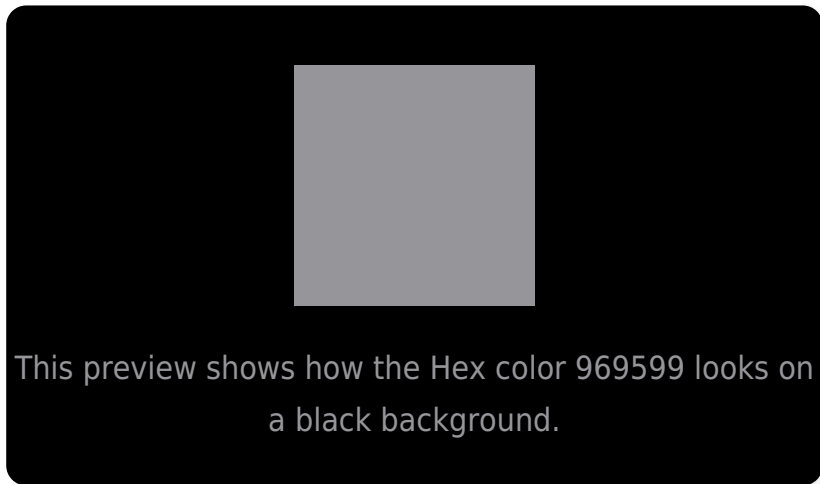
Large Text (above 18pt) WCAG AA × Fail

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

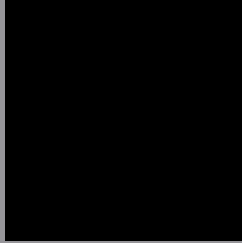
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

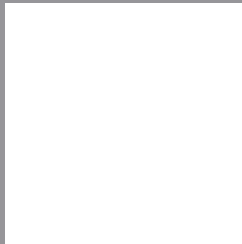
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 969599 Background



This preview shows how black text looks on a background with the Hex color 969599.



This preview shows how white text looks on a background with the Hex color 969599.

# 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**  
969599

**Protanopia**  
979599

**Deuteranopia**  
A2919A



**Tritanopia**  
9794A0

# Trichromacy



**Original Color**

969599

**Protanomaly**

979599

**Deuteranomaly**

9E929A

**Tritanomaly**

97949D

# Monochromacy



**Original Color**

969599

**Achromatopsia**

969696

**Achromatomaly**

969697

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 969599 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 #969599 looks like.

```
.text, #text, p{  
    color:#969599  
}
```

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 #969599 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #969599
}
```

## Border

The CSS property to change the border of an element to Hex 969599 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
#969599 }
```

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

```
.border{ border-color:#969599 }
```

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

Here you see how a box with a 4 pixel #969599 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #969599; -webkit-box-shadow:4px 4px  
4px 4px #969599; box-shadow:4px 4px 4px  
4px #969599 }
```

# Background

The CSS property to change the background color of an element to Hex 969599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#969599 }
```

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

```
.background{ background-color:#969599 }
```

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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