

# Converting Colors

Hex(996CB3)

Have a look what the booklet for  
Hex(996CB3) contains.

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# Color

**Hex(996CB3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	996CB3
RGB	153, 108, 179
RGB Percent	60%, 42%, 70%
CMY	0.4000, 0.5765, 0.2980
CMYK	0.15, 0.40, 0.00, 0.30
HSL	278°, 32%, 56%
HSV	278°, 40%, 70%
XYZ	26.6361, 20.7521, 45.2495
YIQ	129.5490, 4.0290, 31.6210

# Conversions

## Conversions Part 2

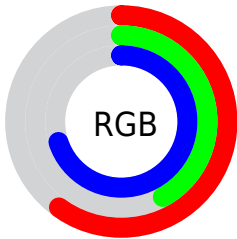
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	153, 108, 179
Decimal	10054835
CIE <sub>Lab</sub>	52.68, 31.18, -30.84
CIE <sub>LCh</sub>	53, 43.855, 315.312
Yxy	20.7521, 0.2875, 0.2240
Android (android.graphics.Color)	4288244915 (0xFF996CB3)
YUV	129.5490, 24.3793, 20.5665
Hunter-Lab	45.5545, 24.6502, -27.0049

# Details

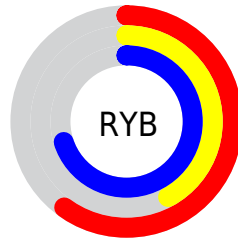
The Hex color **996CB3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **86B36C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D0A0EB**, and **643B7E** is the 20% darker color. If you saturate the color by 10%, you get **925AB3**, and if you desaturate by 10%, it is **A07EB3**.

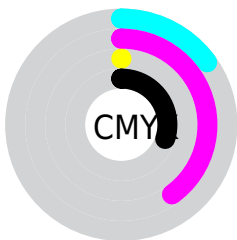
# Distribution



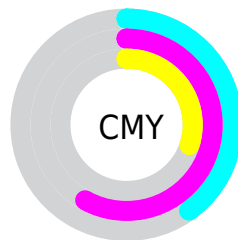
- Red (60%)
- Green (42%)
- Blue (70%)



- Red (60%)
- Yellow (42%)
- Blue (70%)



- Cyan (15%)
- Magenta (40%)
- Yellow (0%)
- Black (30%)



- Cyan (40%)
- Magenta (58%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 996CB3 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 996CB3 by changing the saturation by 10% instead.



■ 996CB3

■ 996CB3

FFFFFF

■ 7E5398

■ D0A0EB

■ 643B7E

■ EDBBFF

■ 4B2465

■ FFD7FF

■ 330D4C

■ FFF4FF

■ 1E0035

■ 00021F

■ 000002

■ 000000

■ 996CB3

■ 996CB3

925AB3

A07EB3

8C48B3

A690B3

8536B3

ADA2B3

7F24B3

B3B4B3

7812B3

BAC5B3

7201B3

C0D7B3

7100B3

C7E9B3

CDFBB3

D4FFB3

# Harmonies

## Analogous

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



607BC6



996CB3



BA6092

# Triad

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



996CB3



A37533



009190

# Complementary

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



996CB3



86B36C

# 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.



008F69



996CB3



818231

# Square

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



996CB3



BB674A



568B47



008EB2

# Rectangle

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



996CB3



C35D78



568B47



009183



# Sweetspot

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



996CB3



DECCE8



6C86B3



6F6575



F5F5F5



757575



# Same Dimension

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



996CB3



BF79E8



B36CAA



565059



610099



10001A



# Inverse Universe

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



B36C86



E879A1



6CB375



595054



990038

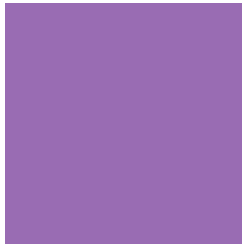


1A0009



# Previews

## White Background



This preview shows how the Hex color 996CB3 looks on a white background.

## Color Contrast Check

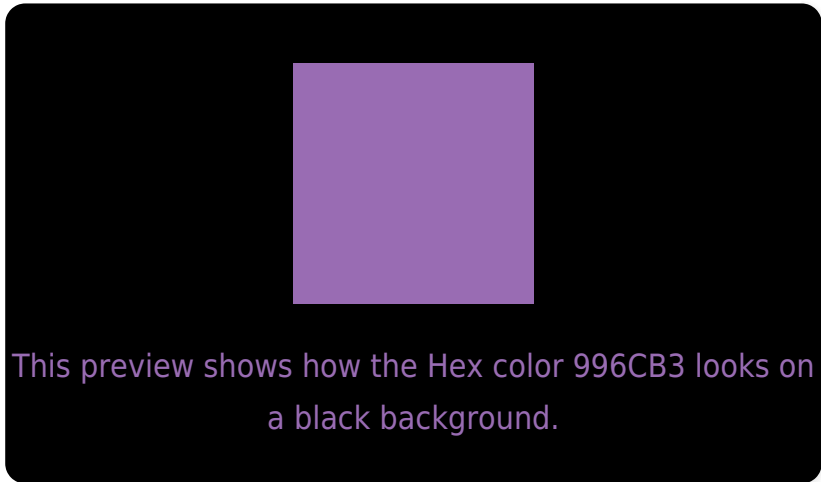
Large Text (above 18pt) WCAG AA ✓ Pass

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

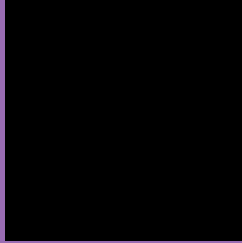
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 996CB3 Background



This preview shows how black text looks on a background with the Hex color 996CB3.

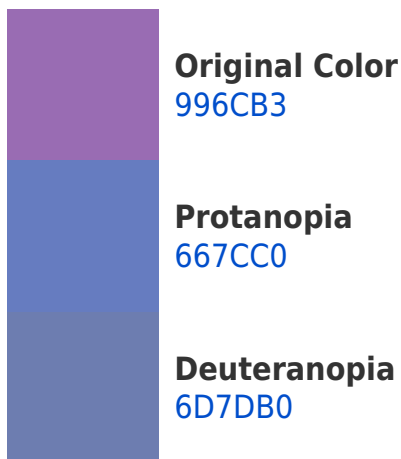


This preview shows how white text looks on a background with the Hex color 996CB3.

# 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](#).

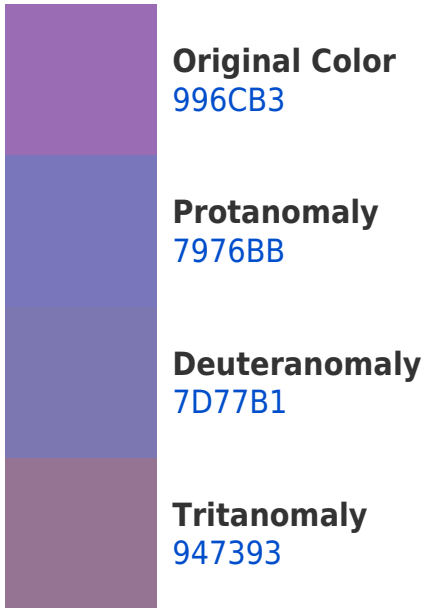
## Dichromacy



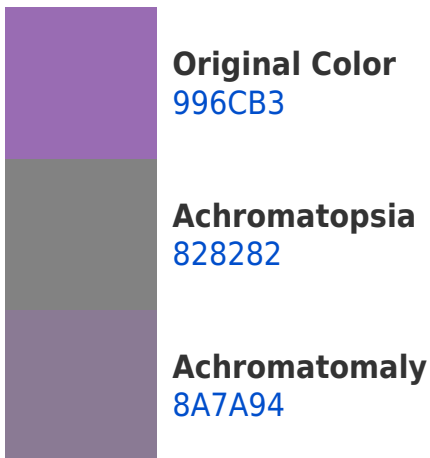


**Tritanopia**  
917780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 996CB3 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 #996CB3 looks like.

```
.text, #text, p{  
    color:#996CB3  
}
```

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 #996CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #996CB3
}
```

## Border

The CSS property to change the border of an element to Hex 996CB3 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
#996CB3 }
```

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

```
.border{ border-color:#996CB3 }
```

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

Here you see how a box with a 4 pixel #996CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #996CB3; -webkit-box-shadow:4px 4px  
4px 4px #996CB3; box-shadow:4px 4px 4px  
4px #996CB3 }
```

# Background

The CSS property to change the background color of an element to Hex 996CB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#996CB3 }
```

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

```
.background{ background-color:#996CB3 }
```

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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