

# Converting Colors

Hex(996297)

Have a look what the booklet for  
Hex(996297) contains.

<b>Hex(996297)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(996297)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	996297
RGB	153, 98, 151
RGB Percent	60%, 38%, 59%
CMY	0.4000, 0.6157, 0.4078
CMYK	0.00, 0.36, 0.01, 0.40
HSL	302°, 22%, 49%
HSV	302°, 36%, 60%
XYZ	23.0905, 17.7420, 31.4857
YIQ	120.4870, 15.7670, 28.1430

# Conversions

## Conversions Part 2

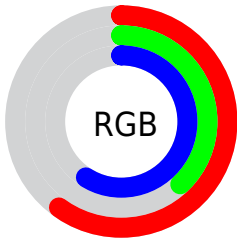
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 98, 151
Decimal	10052247
CIE <sub>Lab</sub>	49.18, 31.03, -19.87
CIE <sub>LCh</sub>	49, 36.849, 327.362
Yxy	17.7420, 0.3193, 0.2453
Android (android.graphics.Color)	4288242327 (0xFF996297)
YUV	120.4870, 15.0429, 28.5139
Hunter-Lab	42.1213, 24.1396, -14.8344

# Details

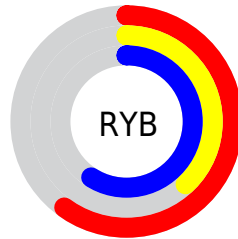
The Hex color **996297** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **629964**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D096CD**, and **653264** is the 20% darker color. If you saturate the color by 10%, you get **995396**, and if you desaturate by 10%, it is **997198**.

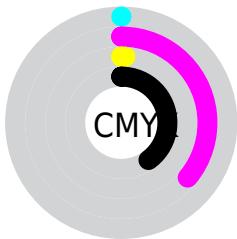
# Distribution



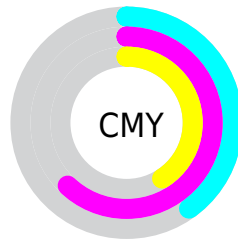
- Red (60%)
- Green (38%)
- Blue (59%)



- Red (60%)
- Yellow (38%)
- Blue (59%)



- Cyan (0%)
- Magenta (36%)
- Yellow (1%)
- Black (40%)



- Cyan (40%)
- Magenta (62%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 996297 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 996297 by changing the saturation by 10% instead.



996297

996297

FFFFFF

7E497D

D096CD

653264

EDB1EA

4C1A4C

FFCCFF

340235

FFE9FF

210020

000003

000000

996297

996297

995396

997198

994396

998198

993495

999099

992595

999F99

991594

99AE9A

990694

99BE9A

990093

99CD9B

99DC9B

99EC9C

# Harmonies

## Analogous

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



736EAC



996297



AD5B79

# Triad

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



996297



8A7235



008491

# Complementary

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



996297



629964

# 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.



008571



996297



6B7C3B

# Square

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



996297



A26741



448252



0081A9

# Rectangle

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



996297



B05C64



448252



008586



# Sweetspot

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



996297



C7B1C6



646299



635763



E3E3E3



636363



# Same Dimension

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



996297



C771C4



99627C



4D454C



8C0087



0D000C



# Inverse Universe

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



996297



C771C4



62997F



4D454C



8C0087

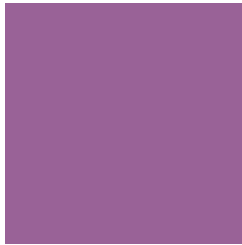


0D000C



# Previews

## White Background



This preview shows how the Hex color 996297 looks on a white background.

## Color Contrast Check

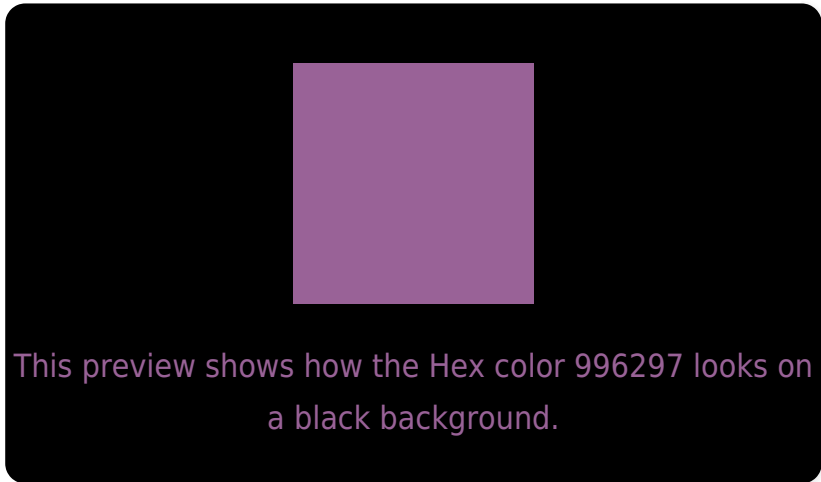
Large Text (above 18pt) WCAG AA ✓ Pass

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

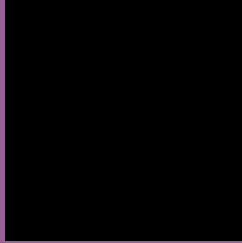
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 996297 Background



This preview shows how black text looks on a background with the Hex color 996297.

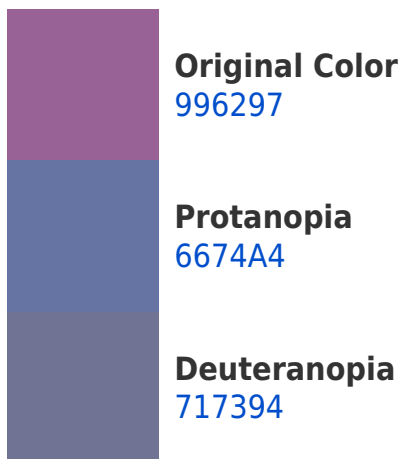


This preview shows how white text looks on a background with the Hex color 996297.

# 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**  
946A72

# Trichromacy



**Original Color**  
996297

**Protanomaly**  
796D9F

**Deuteranomaly**  
806D95

**Tritanomaly**  
96677F

# Monochromacy



**Original Color**  
996297

**Achromatopsia**  
787878

**Achromatomaly**  
847083

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 996297 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 #996297 looks like.

```
.text, #text, p{  
    color:#996297  
}
```

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 #996297 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #996297
}
```

## Border

The CSS property to change the border of an element to Hex 996297 is called "border". The border property can be set on classes, ids or directly on the HTML element.

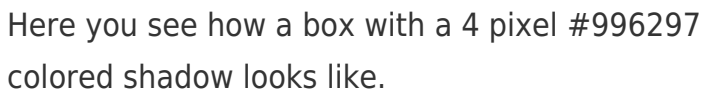
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#996297 }
```

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

```
.border{ border-color:#996297 }
```

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



Here you see how a box with a 4 pixel #996297 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #996297; -webkit-box-shadow:4px 4px  
4px 4px #996297; box-shadow:4px 4px 4px  
4px #996297 }
```

# Background

The CSS property to change the background color of an element to Hex 996297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#996297 }
```

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

```
.background{ background-color:#996297 }
```

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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