

Converting Colors

Hex(99236D)

Have a look what the booklet for
Hex(99236D) contains.

Hex(99236D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(99236D)

Conversions

Conversions Part 1

Format	Color
Hex	99236D
RGB	153, 35, 109
RGB Percent	60%, 14%, 43%
CMY	0.4000, 0.8627, 0.5725
CMYK	0.00, 0.77, 0.29, 0.40
HSL	322°, 63%, 37%
HSV	322°, 77%, 60%
XYZ	16.4982, 9.0785, 15.3508
YIQ	78.7180, 46.5740, 48.0300

Conversions

Conversions Part 2

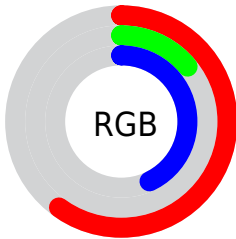
Format	Color
R_{YB}	153, 35, 109
Decimal	10036077
CIE _{Lab}	36.13, 54.19, -14.20
CIE _{LCh}	36, 56.024, 345.313
Yxy	9.0785, 0.4031, 0.2218
Android (android.graphics.Color)	4288226157 (0xFF99236D)
YUV	78.7180, 14.9290, 65.1453
Hunter-Lab	30.1305, 45.0107, -9.1154

Details

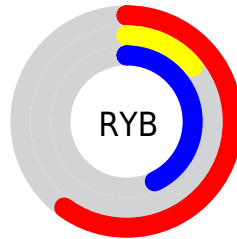
The Hex color **99236D** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **23994F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **D35CA1**, and **61003D** is the 20% darker color. If you saturate the color by 10%, you get **991467**, and if you desaturate by 10%, it is **993273**.

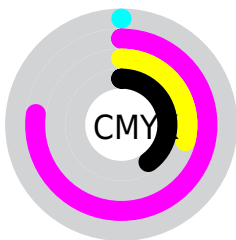
Distribution



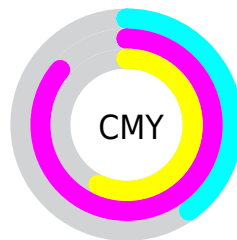
- Red (60%)
- Green (14%)
- Blue (43%)



- Red (60%)
- Yellow (14%)
- Blue (43%)



- Cyan (0%)
- Magenta (77%)
- Yellow (29%)
- Black (40%)



- Cyan (40%)
- Magenta (86%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99236D 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 99236D by changing the saturation by 10% instead.

 99236D

 99236D

FFFFFF

 7D0055

 D35CA1

 61003D

 F077BC

 470027

 FF93D7

 2E0012

 FFAFF4

 000000

 FFCCFF

 FFE9FF

 99236D

 99236D

 991467

 993273

■ 990462

■ 994278

■ 990060

■ 99517E

■ 996084

■ 99708A

■ 997F8F

■ 998E95

■ 999D9B

■ 99ADA0

Harmonies

Analogous

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



733D95



99236D



A31E40

Triad

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



99236D



535A00



006794

Complementary

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



99236D



23994F

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.



00696C



99236D



156309

Square

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



99236D



7A4B00



00673D



0061AD

Rectangle

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



99236D



9D2C23



00673D



006888

Sweetspot

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



99236D



C799B6



4E2399



634859



E3E3E3



636363

Same Dimension

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



99236D



C70E82



992333



4D454A



8C0058



0D0008

Inverse Universe

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



99236D



C70E82



239989



4D454A



8C0058



0D0008

Previews

White Background



This preview shows how the Hex color 99236D looks on a white background.

Color Contrast Check

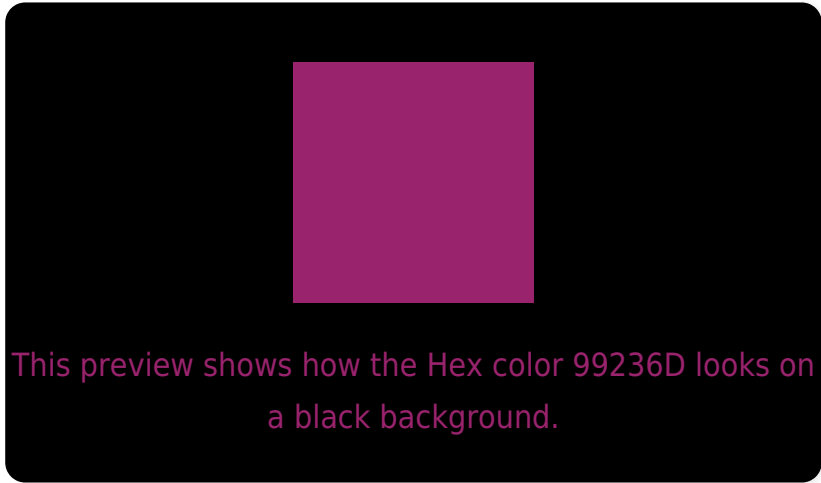
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

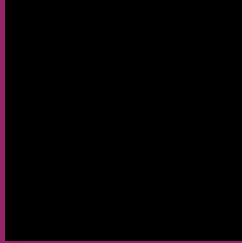
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 99236D Background



This preview shows how black text looks on a background with the Hex color 99236D.

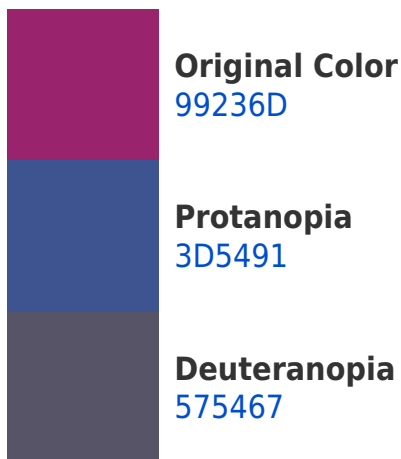


This preview shows how white text looks on a background with the Hex color 99236D.

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



Trichromacy



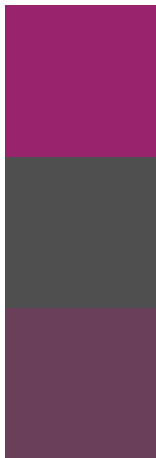
Original Color
99236D

Protanomaly
5E4284

Deuteranomaly
6F4269

Tritanomaly
962E4B

Monochromacy



Original Color
99236D

Achromatopsia
4F4F4F

Achromatomaly
6A3F5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 99236D 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 #99236D looks like.

```
.text, #text, p{  
    color:#99236D  
}
```

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 #99236D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99236D
}
```

Border

The CSS property to change the border of an element to Hex 99236D is called "border". The border property can be set on classes, ids or directly on the HTML element.

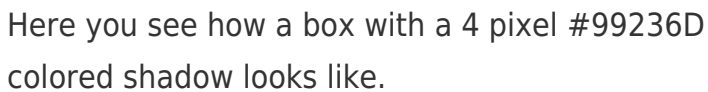
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99236D }
```

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

```
.border{ border-color:#99236D }
```

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



Here you see how a box with a 4 pixel #99236D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99236D; -webkit-box-shadow:4px 4px  
4px 4px #99236D; box-shadow:4px 4px 4px  
4px #99236D }
```

Background

The CSS property to change the background color of an element to Hex 99236D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99236D }
```

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

```
.background{ background-color:#99236D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor