

# Converting Colors

Hex(9D4995)

Have a look what the booklet for  
Hex(9D4995) contains.

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# Color

**Hex(9D4995)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D4995
RGB	157, 73, 149
RGB Percent	62%, 29%, 58%
CMY	0.3843, 0.7137, 0.4157
CMYK	0.00, 0.54, 0.05, 0.38
HSL	306°, 37%, 45%
HSV	306°, 54%, 62%
XYZ	21.7120, 14.1031, 30.0116
YIQ	106.7800, 25.6680, 41.4440

# Conversions

## Conversions Part 2

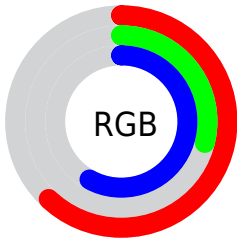
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 73, 149
Decimal	10307989
CIE <sub>Lab</sub>	44.38, 45.39, -26.05
CIE <sub>LCh</sub>	44, 52.335, 330.143
Yxy	14.1031, 0.3298, 0.2142
Android (android.graphics.Color)	4288498069 (0xFF9D4995)
YUV	106.7800, 20.8145, 44.0429
Hunter-Lab	37.5541, 37.4805, -21.0941

# Details

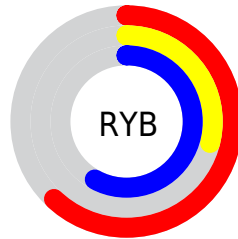
The Hex color **9D4995** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **499D51**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D57DCB**, and **671262** is the 20% darker color. If you saturate the color by 10%, you get **9D3994**, and if you desaturate by 10%, it is **9D5996**.

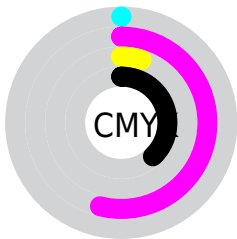
# Distribution



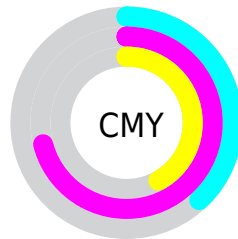
- Red (62%)
- Green (29%)
- Blue (58%)



- Red (62%)
- Yellow (29%)
- Blue (58%)



- Cyan (0%)
- Magenta (54%)
- Yellow (5%)
- Black (38%)



- Cyan (38%)
- Magenta (71%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D4995 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 9D4995 by changing the saturation by 10% instead.



 9D4995

 9D4995

FFFFFF

 822F7B

 D57DCB

 671262

 F398E8

 4D004A

 FFB4FF

 350033

 FFD0FF

 1B001D

 FFEDFF

 000000

 9D4995

 9D4995

 9D3994

 9D5996

 9D2A92

 9D6898

 9D1A91

 9D7899

 9D0A8F

 9D889B

 9D008E

 9D989C

 9DA79E

 9DB79F

 9DC7A1

 9DD6A2

# Harmonies

## Analogous

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



675DB5



9D4995



B53C6B

# Triad

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



9D4995



7E6700



007D94

# Complementary

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



9D4995



499D51

# 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.



007D68



9D4995



527312

# Square

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



9D4995



9F561A



007A3B



0078B4

# Rectangle

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



9D4995



B63F4E



007A3B



007D86



# Sweetspot

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



9D4995



CCABC9



50499D



665364



E6E6E6



666666



# Same Dimension

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



9D4995



CC49C0



9D496C



4F474E



8F0081



0F000E



# Inverse Universe

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



9D4995



CC49C0



499D7A



4F474E



8F0081

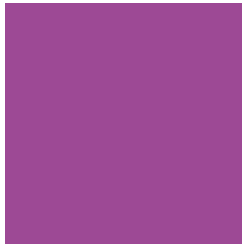


0F000E



# Previews

## White Background



This preview shows how the Hex color 9D4995 looks on a white background.

## Color Contrast Check

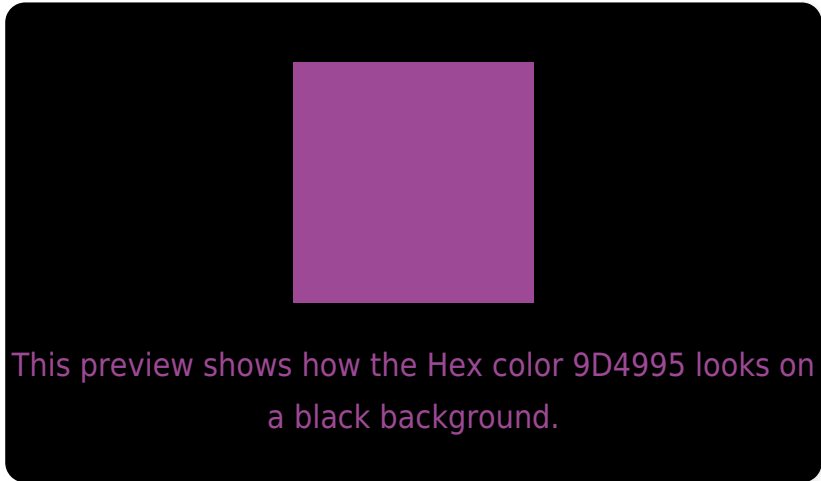
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 9D4995 Background



This preview shows how black text looks on a background with the Hex color 9D4995.

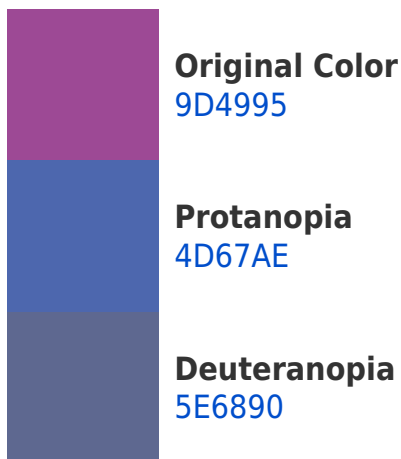


This preview shows how white text looks on a background with the Hex color 9D4995.

# 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**  
97575D

# Trichromacy



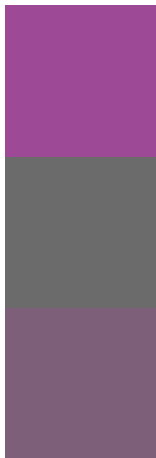
**Original Color**  
9D4995

**Protanomaly**  
6A5CA5

**Deuteranomaly**  
755D92

**Tritanomaly**  
995271

# Monochromacy



**Original Color**  
9D4995

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
7D5F7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D4995 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 #9D4995 looks like.

```
.text, #text, p{  
    color:#9D4995  
}
```

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 #9D4995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D4995
}
```

## Border

The CSS property to change the border of an element to Hex 9D4995 is called "border". The border property can be set on classes, ids or directly on the HTML element.

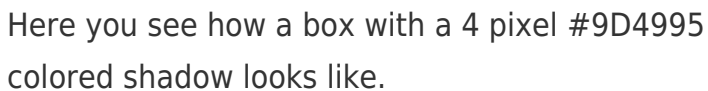
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D4995 }
```

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

```
.border{ border-color:#9D4995 }
```

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



Here you see how a box with a 4 pixel #9D4995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D4995; -webkit-box-shadow:4px 4px  
4px 4px #9D4995; box-shadow:4px 4px 4px  
4px #9D4995 }
```

# Background

The CSS property to change the background color of an element to Hex 9D4995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D4995 }
```

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

```
.background{ background-color:#9D4995 }
```

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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