

# Converting Colors

Hex(9D5D91)

Have a look what the booklet for  
Hex(9D5D91) contains.

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# Color

**Hex(9D5D91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D5D91
RGB	157, 93, 145
RGB Percent	62%, 36%, 57%
CMY	0.3843, 0.6353, 0.4314
CMYK	0.00, 0.41, 0.08, 0.38
HSL	311°, 26%, 49%
HSV	311°, 41%, 62%
XYZ	22.9298, 17.0411, 28.8688
YIQ	118.0640, 21.4520, 29.7400

# Conversions

## Conversions Part 2

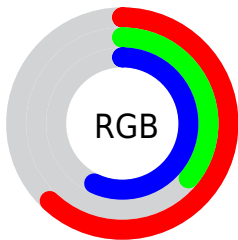
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 93, 145
Decimal	10313105
CIELab	48.31, 34.05, -17.60
CIELCh	48, 38.335, 332.666
Yxy	17.0411, 0.3331, 0.2475
Android (android.graphics.Color)	4288503185 (0xFF9D5D91)
YUV	118.0640, 13.2794, 34.1469
Hunter-Lab	41.2809, 26.9077, -12.5664

# Details

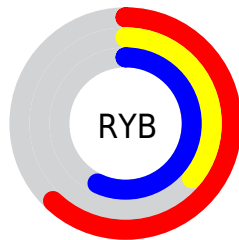
The Hex color **9D5D91** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5D9D69**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **D591C7**, and **682C5E** is the 20% darker color. If you saturate the color by 10%, you get **9D4D8E**, and if you desaturate by 10%, it is **9D6D94**.

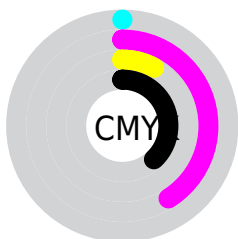
# Distribution



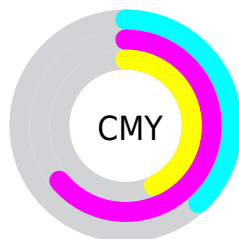
- Red (62%)
- Green (36%)
- Blue (57%)



- Red (62%)
- Yellow (36%)
- Blue (57%)



- Cyan (0%)
- Magenta (41%)
- Yellow (8%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D5D91 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 9D5D91 by changing the saturation by 10% instead.



 9D5D91

 9D5D91

FFFFFF

 824477

 D591C7

 682C5E

 F2ACE3

 4F1347

 FFC7FF

 360030

 FFE4FF

 22001B

 000000

 9D5D91

 9D5D91

 9D4D8E

 9D6D94

 9D3E8B

 9D7C97

 9D2E88

 9D8C9A

 9D1E85

 9D9C9D

 9D0E82

 9DABA0

 9D0080

 9DBBA3

 9DCBA6

 9DDBA9

 9DEAAB

# Harmonies

## Analogous

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



7969A9



9D5D91



AE5771

# Triad

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



9D5D91



837230



008295

# Complementary

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



9D5D91



5D9D69

# 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.



008375



9D5D91



627B3A

# Square

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



9D5D91



9D6639



368154



007EAC

# Rectangle

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



9D5D91



AF595C



368154



00838B



# Sweetspot

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



9D5D91



CCB4C7



695D9D



665863



E6E6E6



666666



# Same Dimension

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



9D5D91



CC68B9



9D5D71



4F474E



8F0074



0F000C



# Inverse Universe

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



9D5D91



CC68B9



5D9D89



4F474E



8F0074

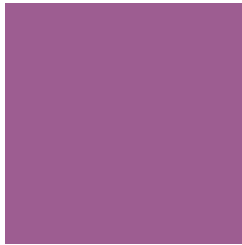


0F000C



# Previews

## White Background



This preview shows how the Hex color 9D5D91 looks on a white background.

## Color Contrast Check

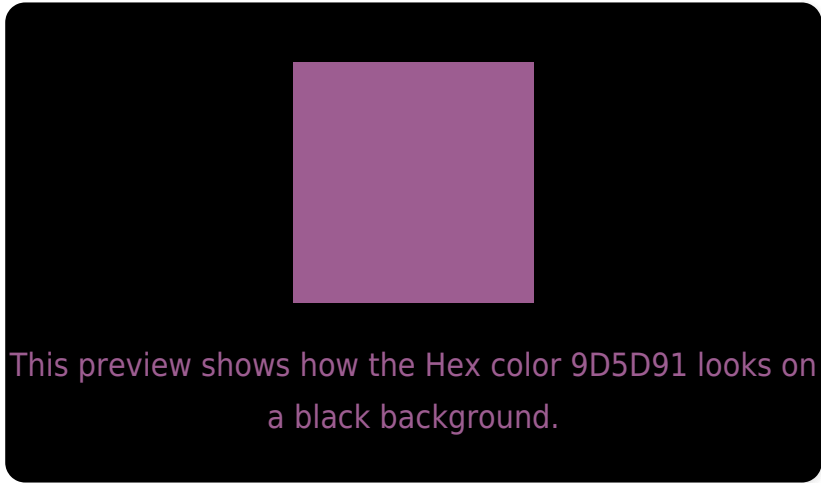
Large Text (above 18pt) WCAG AA ✓ Pass

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

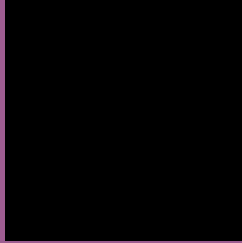
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9D5D91 Background



This preview shows how black text looks on a background with the Hex color 9D5D91.



This preview shows how white text looks on a background with the Hex color 9D5D91.

# 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**  
9D5D91

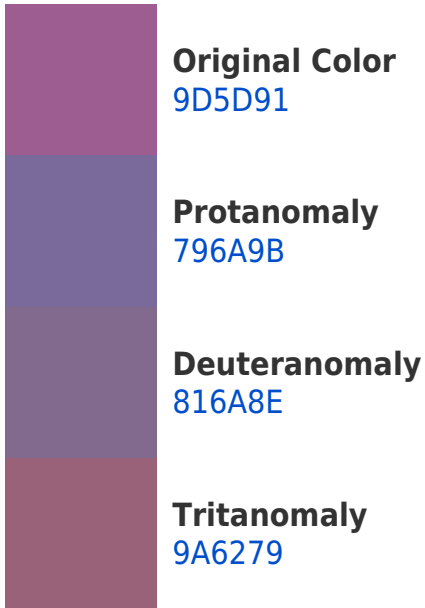
**Protanopia**  
6572A0

**Deuteranopia**  
71718D

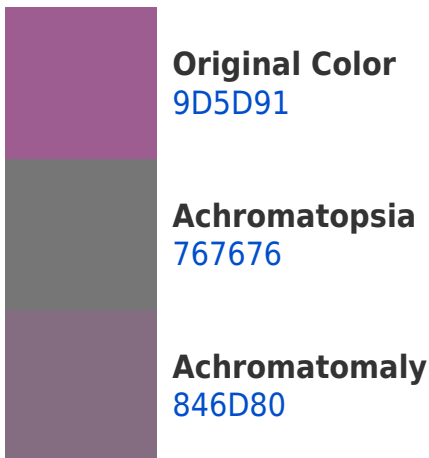


**Tritanopia**  
99656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D5D91 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 #9D5D91 looks like.

```
.text, #text, p{  
    color:#9D5D91  
}
```

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 #9D5D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D5D91
}
```

## Border

The CSS property to change the border of an element to Hex 9D5D91 is called "border". The border property can be set on classes, ids or directly on the HTML element.

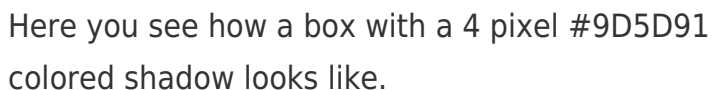
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D5D91 }
```

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

```
.border{ border-color:#9D5D91 }
```

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



Here you see how a box with a 4 pixel #9D5D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D5D91; -webkit-box-shadow:4px 4px  
4px 4px #9D5D91; box-shadow:4px 4px 4px  
4px #9D5D91 }
```

# Background

The CSS property to change the background color of an element to Hex 9D5D91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D5D91 }
```

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

```
.background{ background-color:#9D5D91 }
```

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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