

# Converting Colors

Hex(9F5DA5)

Have a look what the booklet for  
Hex(9F5DA5) contains.

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# Color

**Hex(9F5DA5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F5DA5
RGB	159, 93, 165
RGB Percent	62%, 36%, 65%
CMY	0.3765, 0.6353, 0.3529
CMYK	0.04, 0.44, 0.00, 0.35
HSL	295°, 29%, 51%
HSV	295°, 44%, 65%
XYZ	25.0040, 17.9162, 37.7376
YIQ	120.9420, 16.2240, 36.3840

# Conversions

## Conversions Part 2

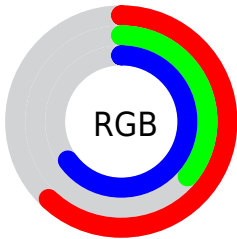
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 93, 165
Decimal	10444197
CIE <sub>Lab</sub>	49.39, 38.50, -27.74
CIE <sub>LCh</sub>	49, 47.454, 324.232
Yxy	17.9162, 0.3100, 0.2221
Android (android.graphics.Color)	4288634277 (0xFF9F5DA5)
YUV	120.9420, 21.7206, 33.3769
Hunter-Lab	42.3276, 31.3711, -23.2314

# Details

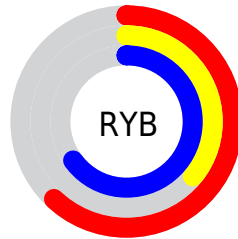
The Hex color **9F5DA5** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **63A55D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **D791DC**, and **6A2B71** is the 20% darker color. If you saturate the color by 10%, you get **9E4CA5**, and if you desaturate by 10%, it is **A06DA5**.

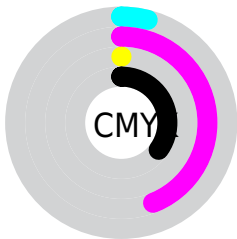
# Distribution



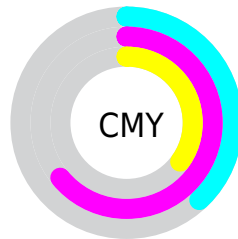
- Red (62%)
- Green (36%)
- Blue (65%)



- Red (62%)
- Yellow (36%)
- Blue (65%)



- Cyan (4%)
- Magenta (44%)
- Yellow (0%)
- Black (35%)



- Cyan (38%)
- Magenta (64%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F5DA5 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 9F5DA5 by changing the saturation by 10% instead.



9F5DA5

9F5DA5

FFFFFF

84448A

D791DC

6A2B71

F4ACF9

501258

FFC8FF

370040

FFE4FF

24002A

000114

000000

9F5DA5

9F5DA5

9E4CA5

A06DA5

9C3CA5

A27EA5

9B2BA5

A38EA5

991BA5

A49FA5

980AA5

A6AFA5

9700A5

A7C0A5

A9D0A5

AAE1A5

ABF1A5

# Harmonies

## Analogous

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



696EBF



9F5DA5



BA517F

# Triad

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



9F5DA5



92711F



008995

# Complementary

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



9F5DA5



63A55D

# 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.



00886C



9F5DA5



6B7D26

# Square

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



9F5DA5



AF6134



378544



0085B6

# Rectangle

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



9F5DA5



BF5164



378544



008988



# Sweetspot

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



9F5DA5



D4BAD6



5D63A5



6A5A6B



EBEBEB



6B6B6B



# Same Dimension

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



9F5DA5



CD67D6



A55D87



514952



850091



100012



# Inverse Universe

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



A55D63



D66770



5DA57B



52494A



91000C

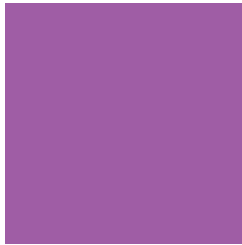


120001



# Previews

## White Background



This preview shows how the Hex color 9F5DA5 looks on a white background.

## Color Contrast Check

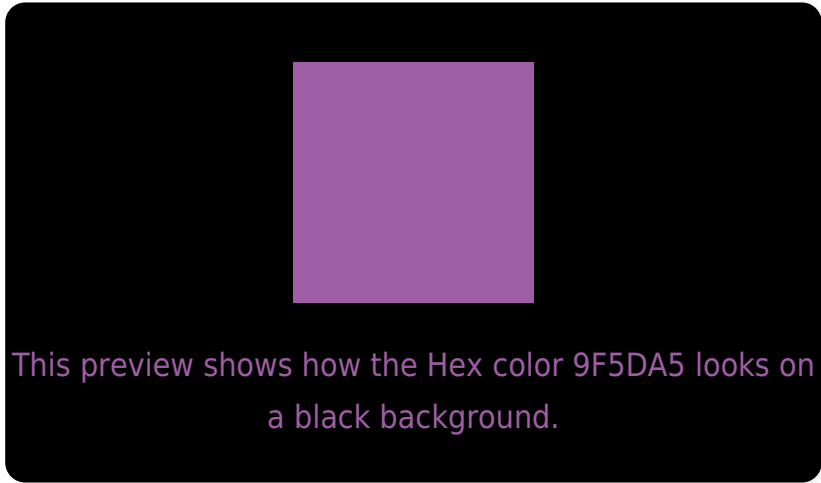
Large Text (above 18pt) WCAG AA ✓ Pass

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

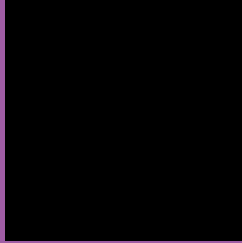
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F5DA5 Background



This preview shows how black text looks on a background with the Hex color 9F5DA5.

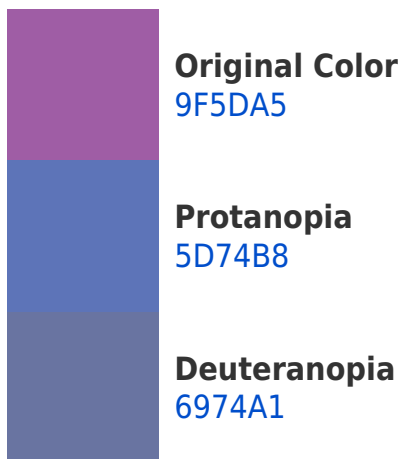



This preview shows how white text looks on a background with the Hex color 9F5DA5.

# 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](#).

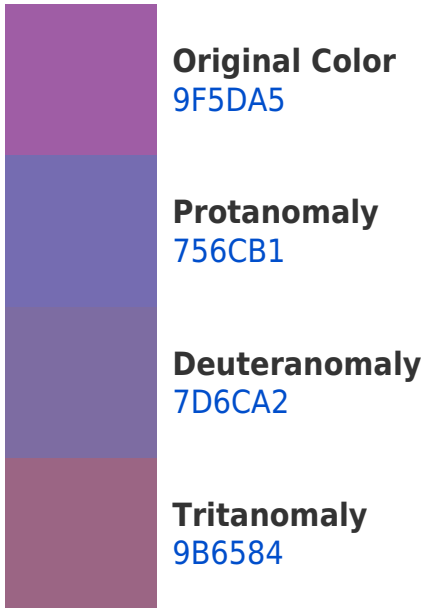
## Dichromacy



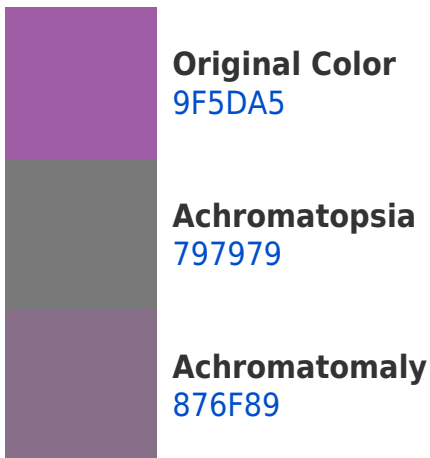


**Tritanopia**  
986971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F5DA5 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 #9F5DA5 looks like.

```
.text, #text, p{  
    color:#9F5DA5  
}
```

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 #9F5DA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F5DA5
}
```

## Border

The CSS property to change the border of an element to Hex 9F5DA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

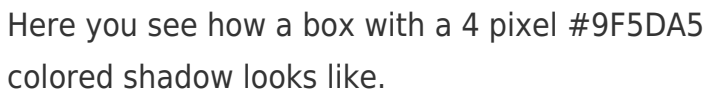
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F5DA5 }
```

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

```
.border{ border-color:#9F5DA5 }
```

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



Here you see how a box with a 4 pixel #9F5DA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F5DA5; -webkit-box-shadow:4px 4px  
4px 4px #9F5DA5; box-shadow:4px 4px 4px  
4px #9F5DA5 }
```

# Background

The CSS property to change the background color of an element to Hex 9F5DA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F5DA5 }
```

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

```
.background{ background-color:#9F5DA5 }
```

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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