

# Converting Colors

Hex(9D46C5)

Have a look what the booklet for  
Hex(9D46C5) contains.

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# Color

**Hex(9D46C5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D46C5
RGB	157, 70, 197
RGB Percent	62%, 27%, 77%
CMY	0.3843, 0.7255, 0.2275
CMYK	0.20, 0.64, 0.00, 0.23
HSL	281°, 52%, 52%
HSV	281°, 64%, 77%
XYZ	26.1728, 15.5796, 54.4510
YIQ	110.4910, 11.0850, 57.9410

# Conversions

## Conversions Part 2

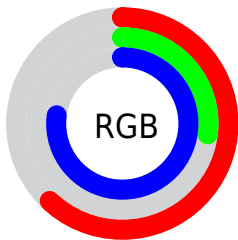
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 70, 197
Decimal	10307269
CIE <sub>Lab</sub>	46.42, 56.25, -51.13
CIE <sub>LCh</sub>	46, 76.016, 317.728
Yxy	15.5796, 0.2721, 0.1619
Android (android.graphics.Color)	4288497349 (0xFF9D46C5)
YUV	110.4910, 42.6489, 40.7884
Hunter-Lab	39.4710, 49.2871, -54.1619

# Details

The Hex color **9D46C5** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **6EC546**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D77CFE**, and **65068E** is the 20% darker color. If you saturate the color by 10%, you get **9732C5**, and if you desaturate by 10%, it is **A35AC5**.

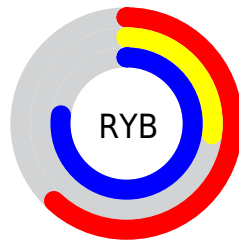
# Distribution



Red (62%)

Green (27%)

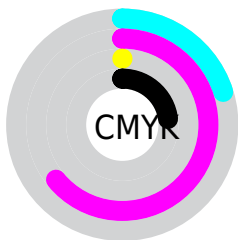
Blue (77%)



Red (62%)

Yellow (27%)

Blue (77%)

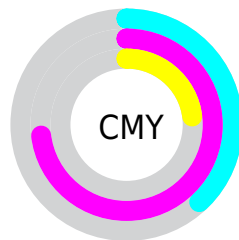


Cyan (20%)

Magenta (64%)

Yellow (0%)

Black (23%)



Cyan (38%)

Magenta (73%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D46C5 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 9D46C5 by changing the saturation by 10% instead.



 9D46C5

 9D46C5

FFFFFF

 812AA9

 D77CFE

 65068E

 F497FF

 4A0074

 FFB3FF

 2F005B

 FFCFFF

 130043

 FFECFF

 00032B

 000115

 000000

 9D46C5

 9D46C5

9732C5

A35AC5

911FC5

A96DC5

8A0BC5

B081C5

8700C5

B695C5

BCA9C5

C2BCC5

C8D0C5

CFE4C5

D5F7C5

# Harmonies

## Analogous

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



0069E9



9D46C5



D00F8B

# Triad

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



9D46C5



9C6200



008993

# Complementary

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



9D46C5



6EC546

# 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.



008751



9D46C5



637700

# Square

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



9D46C5



C54005



008200



0087CC

# Rectangle

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



9D46C5



DA0061



008200



00887D



# Sweetspot

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



9D46C5



F0CFFF



466EC5



766280



000000



808080



# Same Dimension

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



9D46C5



C13BFF



C546AE



605A63



7000A3



180024



# Inverse Universe

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



C5466E



FF3B78



46C55D



635A5D



A30033



24000B



# Previews

## White Background



This preview shows how the Hex color 9D46C5 looks on a white background.

## Color Contrast Check

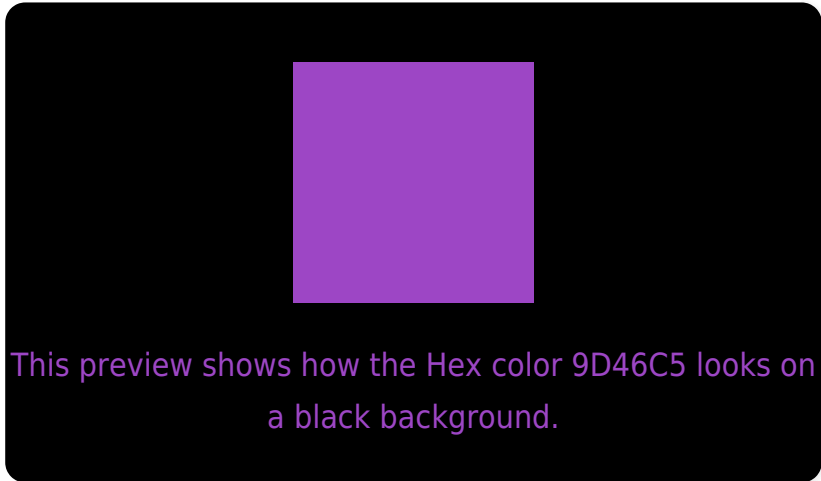
Large Text (above 18pt) WCAG AA ✓ Pass

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

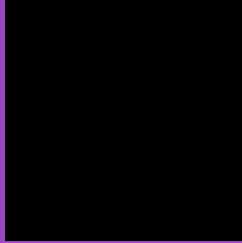
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9D46C5 Background



This preview shows how black text looks on a background with the Hex color 9D46C5.

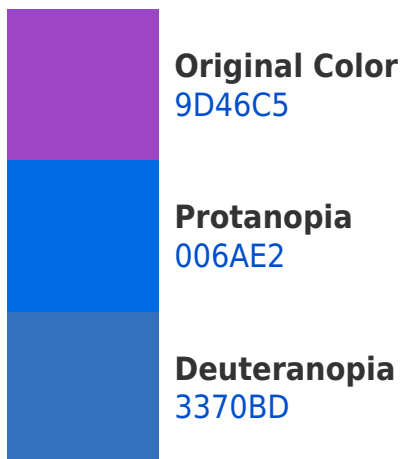



This preview shows how white text looks on a background with the Hex color 9D46C5.

# 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](#).

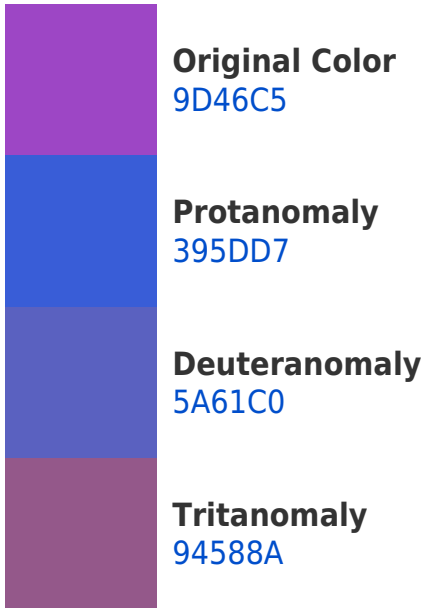
## Dichromacy





**Tritanopia**  
8F6269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D46C5 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 #9D46C5 looks like.

```
.text, #text, p{  
    color:#9D46C5  
}
```

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 #9D46C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D46C5
}
```

## Border

The CSS property to change the border of an element to Hex 9D46C5 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
#9D46C5 }
```

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

```
.border{ border-color:#9D46C5 }
```

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

Here you see how a box with a 4 pixel #9D46C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D46C5; -webkit-box-shadow:4px 4px  
4px 4px #9D46C5; box-shadow:4px 4px 4px  
4px #9D46C5 }
```

# Background

The CSS property to change the background color of an element to Hex 9D46C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D46C5 }
```

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

```
.background{ background-color:#9D46C5 }
```

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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