

Converting Colors

Hex(9C46B6)

Have a look what the booklet for
Hex(9C46B6) contains.

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Color

Hex(9C46B6)

Conversions

Conversions Part 1

Format	Color
Hex	9C46B6
RGB	156, 70, 182
RGB Percent	61%, 27%, 71%
CMY	0.3882, 0.7255, 0.2863
CMYK	0.14, 0.62, 0.00, 0.29
HSL	286°, 44%, 49%
HSV	286°, 62%, 71%
XYZ	24.3440, 14.8256, 45.8345
YIQ	108.4820, 15.3040, 53.0640

Conversions

Conversions Part 2

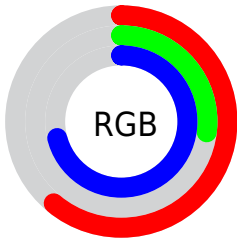
Format	Color
R_{YB}	156, 70, 182
Decimal	10241718
CIE _{Lab}	45.39, 52.90, -44.04
CIE _{LCh}	45, 68.832, 320.224
Yxy	14.8256, 0.2864, 0.1744
Android (android.graphics.Color)	4288431798 (0xFF9C46B6)
YUV	108.4820, 36.2444, 41.6733
Hunter-Lab	38.5041, 45.4734, -43.6249

Details

The Hex color **9C46B6** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **60B646**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **D57BEE**, and **650980** is the 20% darker color. If you saturate the color by 10%, you get **9834B6**, and if you desaturate by 10%, it is **A058B6**.

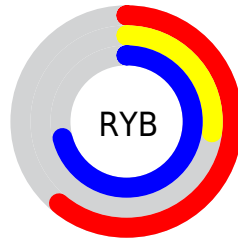
Distribution



Red (61%)

Green (27%)

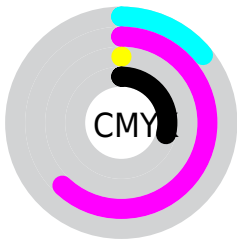
Blue (71%)



Red (61%)

Yellow (27%)

Blue (71%)

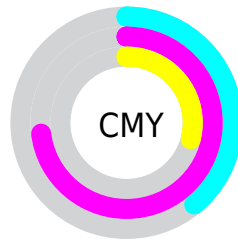


Cyan (14%)

Magenta (62%)

Yellow (0%)

Black (29%)



Cyan (39%)

Magenta (73%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C46B6 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 9C46B6 by changing the saturation by 10% instead.

■ 9C46B6

■ 9C46B6

FFFFFF

■ 802B9B

■ D57BEE

■ 650980

■ F296FF

■ 4B0067

■ FF82FF

■ 31004E

■ FFCEFF

■ 170037

■ FFE8FF

■ 000220

■ 000004

■ 000000

■ 9C46B6

■ 9C46B6

9834B6

A058B6

9422B6

A46AB6

8F0FB6

A97DB6

8C00B6

AD8FB6

B1A1B6

B5B3B6

BAC5B6

BED8B6

C2EAB6

Harmonies

Analogous

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



2E65D9



9C46B6



C62381

Triad

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



9C46B6



926200



008492

Complementary

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



9C46B6



60B646

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.



008356



9C46B6



5E7400

Square

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



9C46B6



B9470C



007E15



0082C4

Rectangle

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



9C46B6



CF1D5A



007E15



00847E

Sweetspot

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



9C46B6



E3C2ED



4660B6



725D78



F7F7F7



787878

Same Dimension

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



9C46B6



C43EED



B64698



5A535C



77009C



16001C

Inverse Universe

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



B64660



ED3E66



46B664



5C5355



9C0024



1C0007

Previews

White Background



This preview shows how the Hex color 9C46B6 looks on a white background.

Color Contrast Check

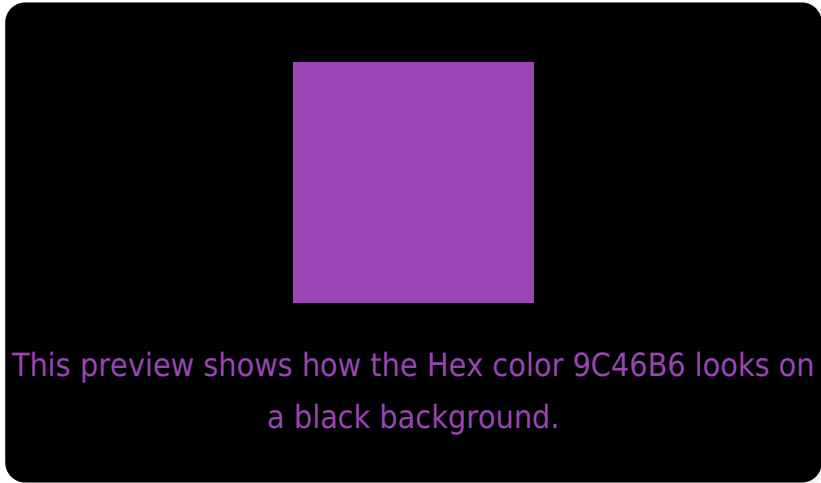
Large Text (above 18pt) WCAG AA ✓ Pass

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

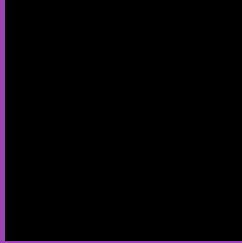
Any Text WCAG AA × Fail

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 9C46B6 Background



This preview shows how black text looks on a background with the Hex color 9C46B6.

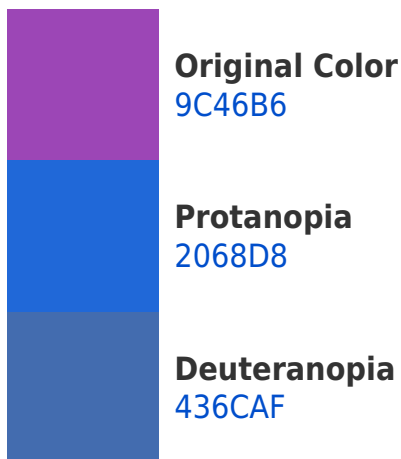



This preview shows how white text looks on a background with the Hex color 9C46B6.

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](#).

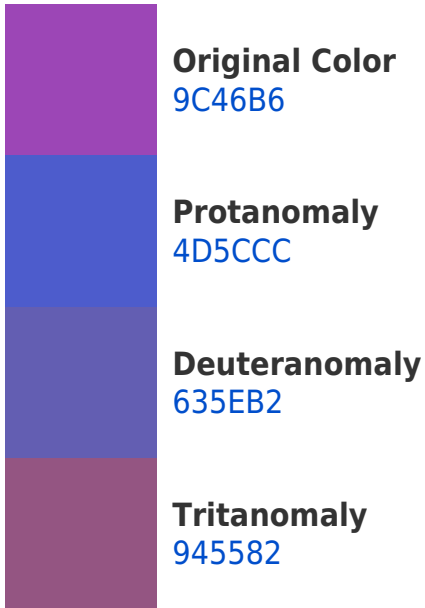
Dichromacy





Tritanopia
905D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C46B6 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 #9C46B6 looks like.

```
.text, #text, p{  
    color:#9C46B6  
}
```

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 #9C46B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C46B6  
}
```

Border

The CSS property to change the border of an element to Hex 9C46B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

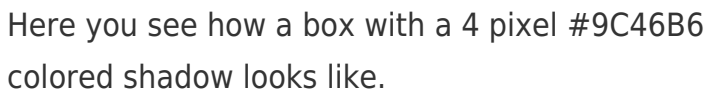
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9C46B6 }
```

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

```
.border{ border-color:#9C46B6 }
```

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



Here you see how a box with a 4 pixel #9C46B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C46B6; -webkit-box-shadow:4px 4px  
4px 4px #9C46B6; box-shadow:4px 4px 4px  
4px #9C46B6 }
```

Background

The CSS property to change the background color of an element to Hex 9C46B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C46B6 }
```

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

```
.background{ background-color:#9C46B6 }
```

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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