

# Converting Colors

Hex(9268D9)

Have a look what the booklet for  
Hex(9268D9) contains.

<b>Hex(9268D9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(9268D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9268D9
RGB	146, 104, 217
RGB Percent	57%, 41%, 85%
CMY	0.4275, 0.5922, 0.1490
CMYK	0.33, 0.52, 0.00, 0.15
HSL	262°, 60%, 63%
HSV	262°, 52%, 85%
XYZ	29.3288, 21.0214, 68.1574
YIQ	129.4400, -11.2410, 44.0470

# Conversions

## Conversions Part 2

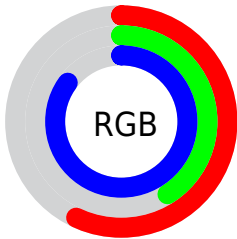
Format	Color
<a href="#">RYB</a>	<a href="#">146, 104, 217</a>
Decimal	<a href="#">9595097</a>
CIELab	<a href="#">52.97, 40.58, -52.17</a>
CIELCh	<a href="#">53, 66.090, 307.877</a>
Yxy	<a href="#">21.0214, 0.2475, 0.1774</a>
Android (android.graphics.Color)	<a href="#">4287785177</a> ( <a href="#">0xFF9268D9</a> )
YUV	<a href="#">129.4400, 43.1671, 14.5231</a>
Hunter-Lab	<a href="#">45.8491, 33.9471, -56.0438</a>

# Details

The Hex color **9268D9** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AFD968**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **CB9CFF**, and **5B37A1** is the 20% darker color. If you saturate the color by 10%, you get **8452D9**, and if you desaturate by 10%, it is **A07ED9**.

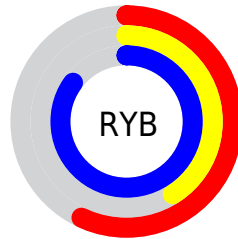
# Distribution



Red (57%)

Green (41%)

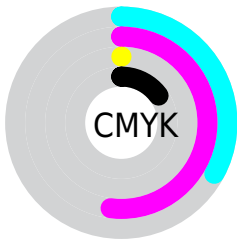
Blue (85%)



Red (57%)

Yellow (41%)

Blue (85%)

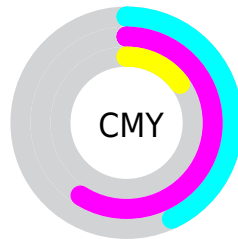


Cyan (33%)

Magenta (52%)

Yellow (0%)

Black (15%)



Cyan (43%)

Magenta (59%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9268D9 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 9268D9 by changing the saturation by 10% instead.



 9268D9

 9268D9

FFFFFF

 764FBD

 CB9CFF

 5B37A1

 E8B7FF

 3F1F87

 FFD3FF

 21066D

 FFF0FF

 000054

 00003C

 000225

 00010D

 000000

9268D9

9268D9

8452D9

A07ED9

773DD9

AD93D9

6927D9

BBA9D9

5B11D9

C9BFD9

5100D9

D6D5D9

E4EAD9

F1FFD9

FFFFD9

# Harmonies

## Analogous

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



0081F0



9268D9



CD4CAA

# Triad

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



9268D9



B96C00



00988C

# Complementary

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



9268D9



AFD968

# 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.



009551



9268D9



8B8100

# Square

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



9268D9



D9513B



4D8E14



0097C3

# Rectangle

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



9268D9



DF4085



4D8E14



009879



# Sweetspot

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



9268D9



E5D6FF



68B0D9



706780



000000



808080



# Same Dimension

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



9268D9



9C61FF



CA68D9



67636E



4000AD



11002E



# Inverse Universe

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



D968AF



FF61C4



77D968



6E636A



AD006D

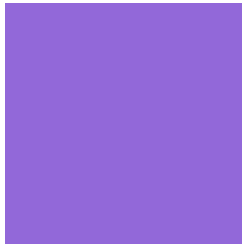


2E001D



# Previews

## White Background



This preview shows how the Hex color 9268D9 looks on a white 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

# 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 9268D9 Background



This preview shows how black text looks on a background with the Hex color 9268D9.

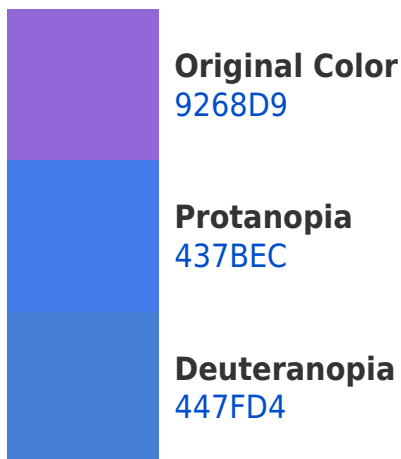



This preview shows how white text looks on a background with the Hex color 9268D9.

# 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](#).

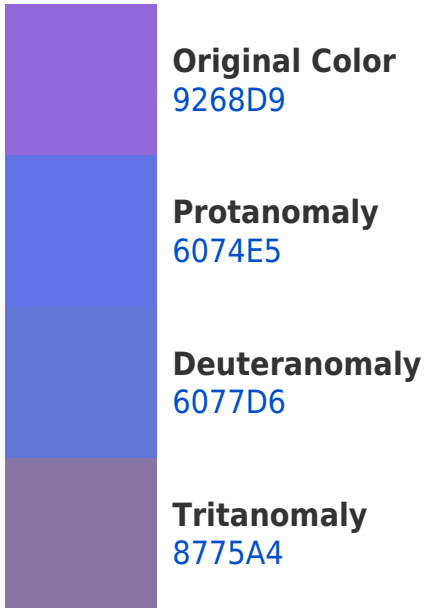
## Dichromacy



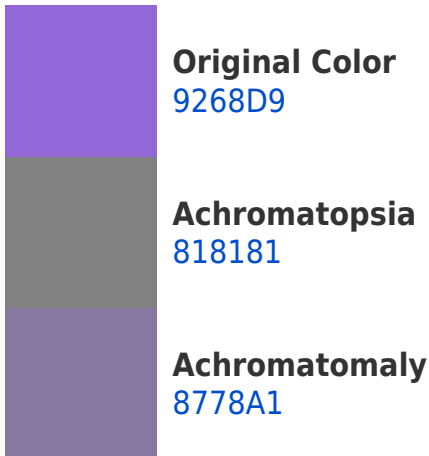


**Tritanopia**  
817D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9268D9 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 #9268D9 looks like.

```
.text, #text, p{  
    color:#9268D9  
}
```

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 #9268D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9268D9
}
```

## Border

The CSS property to change the border of an element to Hex 9268D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

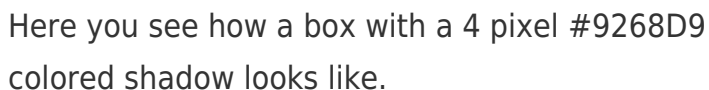
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9268D9 }
```

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

```
.border{ border-color:#9268D9 }
```

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



Here you see how a box with a 4 pixel #9268D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9268D9; -webkit-box-shadow:4px 4px  
4px 4px #9268D9; box-shadow:4px 4px 4px  
4px #9268D9 }
```

# Background

The CSS property to change the background color of an element to Hex 9268D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9268D9 }
```

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

```
.background{ background-color:#9268D9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor