

# Converting Colors

Hex(9C32D8)

Have a look what the booklet for  
Hex(9C32D8) contains.

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# Color

**Hex(9C32D8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C32D8
RGB	156, 50, 216
RGB Percent	61%, 20%, 85%
CMY	0.3882, 0.8039, 0.1529
CMYK	0.28, 0.77, 0.00, 0.15
HSL	278°, 68%, 52%
HSV	278°, 77%, 85%
XYZ	27.2456, 14.3070, 66.2913
YIQ	100.6180, 9.8900, 74.0980

# Conversions

## Conversions Part 2

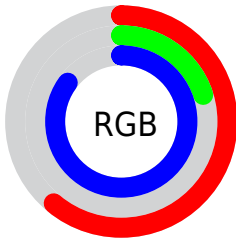
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 50, 216
Decimal	10236632
CIE <sub>Lab</sub>	44.67, 68.17, -64.91
CIE <sub>LCh</sub>	45, 94.127, 316.404
Yxy	14.3070, 0.2526, 0.1327
Android (android.graphics.Color)	4288426712 (0xFF9C32D8)
YUV	100.6180, 56.8833, 48.5700
Hunter-Lab	37.8246, 62.3830, -77.4343

# Details

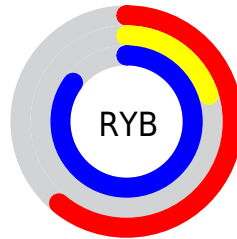
The Hex color **9C32D8** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **6ED832**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **D76CFF**, and **6200A0** is the 20% darker color. If you saturate the color by 10%, you get **941CD8**, and if you desaturate by 10%, it is **A448D8**.

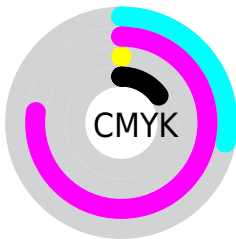
# Distribution



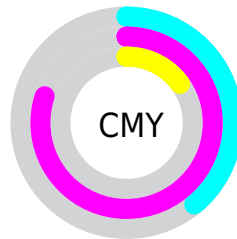
- Red (61%)
- Green (20%)
- Blue (85%)



- Red (61%)
- Yellow (20%)
- Blue (85%)



- Cyan (28%)
- Magenta (77%)
- Yellow (0%)
- Black (15%)



- Cyan (39%)
- Magenta (80%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C32D8 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 9C32D8 by changing the saturation by 10% instead.



 9C32D8

 9C32D8

FFFFFF

 7F0ABC

 D76CFF

 6200A0

 F588FF

 450085

 FFA4FF

 25006B

 FFC0FF

 000052

 FFDDFF

 000439

 FFFBFF

 000223

 00000A

 000000

 9C32D8

 9C32D8

 941CD8

 A448D8

 8C07D8

 AC5DD8

 8A00D8

 B373D8

 BB88D8

 C39ED8

 CBB4D8

 D3C9D8

 DADFD8

 E2F4D8

# Harmonies

## Analogous

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



0066FF



9C32D8



DD0091

# Triad

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



9C32D8



9E5900



008794

# Complementary

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



9C32D8



6ED832

# 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.



008541



9C32D8



597300

# Square

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



9C32D8



D01D00



008000



0087DC

# Rectangle

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



9C32D8



EA005D



008000



008779



# Sweetspot

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



9C32D8



EAC4FF



326FD8



735C80



000000



808080



# Same Dimension

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



9C32D8



AA14FF



D832C2



67606B



6D00AB



1C002B



# Inverse Universe

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



D8326E



FF1469



32D848



6B6064



AB003E

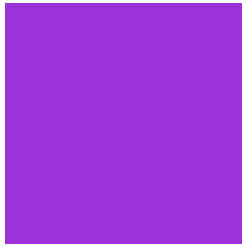


2B0010



# Previews

## White Background



This preview shows how the Hex color 9C32D8 looks on a white background.

## Color Contrast Check

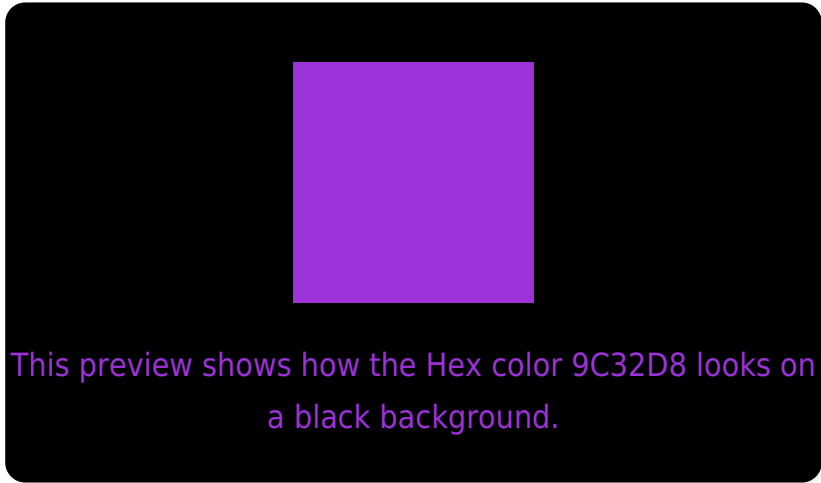
Large Text (above 18pt) WCAG AA ✓ Pass

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

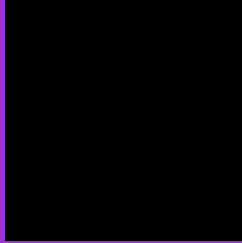
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C32D8 Background



This preview shows how black text looks on a background with the Hex color 9C32D8.

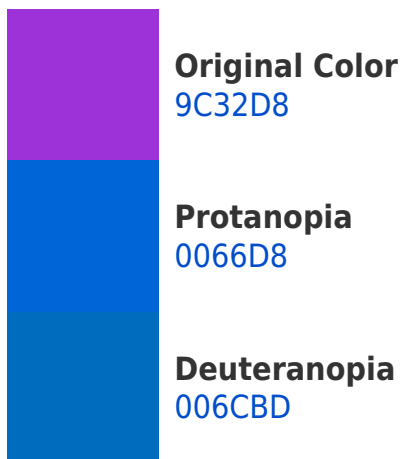


This preview shows how white text looks on a background with the Hex color 9C32D8.

# 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**  
895E65

# Trichromacy



**Original Color**  
9C32D8



**Protanomaly**  
3953D8



**Deuteranomaly**  
3957C7



**Tritanomaly**  
904E8F

# Monochromacy



**Original Color**  
9C32D8



**Achromatopsia**  
656565



**Achromatomaly**  
79528F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C32D8 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 #9C32D8 looks like.

```
.text, #text, p{  
    color:#9C32D8  
}
```

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 #9C32D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C32D8
}
```

## Border

The CSS property to change the border of an element to Hex 9C32D8 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
#9C32D8 }
```

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

```
.border{ border-color:#9C32D8 }
```

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

Here you see how a box with a 4 pixel #9C32D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C32D8; -webkit-box-shadow:4px 4px  
4px 4px #9C32D8; box-shadow:4px 4px 4px  
4px #9C32D8 }
```

# Background

The CSS property to change the background color of an element to Hex 9C32D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C32D8 }
```

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

```
.background{ background-color:#9C32D8 }
```

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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