

Converting Colors

Hex(9338C7)

Have a look what the booklet for
Hex(9338C7) contains.

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Color

Hex(9338C7)

Conversions

Conversions Part 1

Format	Color
Hex	9338C7
RGB	147, 56, 199
RGB Percent	58%, 22%, 78%
CMY	0.4235, 0.7804, 0.2196
CMYK	0.26, 0.72, 0.00, 0.22
HSL	278°, 56%, 50%
HSV	278°, 72%, 78%
XYZ	23.7556, 13.1549, 55.3199
YIQ	99.5110, 8.3330, 63.7650

Conversions

Conversions Part 2

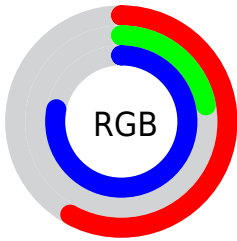
Format	Color
R_{YB}	147, 56, 199
Decimal	9648327
CIE _{Lab}	43.00, 60.66, -57.87
CIE _{LCh}	43, 83.839, 316.348
Yxy	13.1549, 0.2576, 0.1426
Android (android.graphics.Color)	4287838407 (0xFF9338C7)
YUV	99.5110, 49.0481, 41.6479
Hunter-Lab	36.2697, 53.4403, -65.0426

Details

The Hex color **9338C7** 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 **6CC738**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **CD6FFF**, and **5B0090** is the 20% darker color. If you saturate the color by 10%, you get **8C24C7**, and if you desaturate by 10%, it is **9A4CC7**.

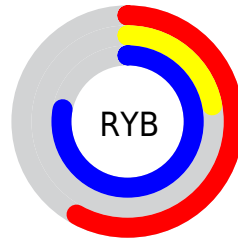
Distribution



Red (58%)

Green (22%)

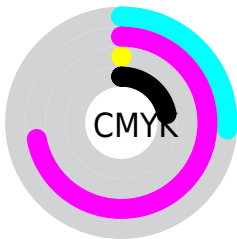
Blue (78%)



Red (58%)

Yellow (22%)

Blue (78%)

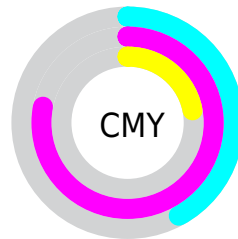


Cyan (26%)

Magenta (72%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (78%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9338C7 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 9338C7 by changing the saturation by 10% instead.

9338C7

9338C7

FFFFFF

7719AB

CD6FFF

5B0090

EA8AFF

3E0076

FFA6FF

22005C

FFC2FF

000044

FFDFFF

00032C

FFFCFF

000117

000000

9338C7

9338C7

8C24C7

9A4CC7

8510C7

A160C7

7F00C7

A974C7

B088C7

B79CC7

BEAFC7

C6C3C7

CDD7C7

D4EBC7

Harmonies

Analogous

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



0062EE



9338C7



CD0088

Triad

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



9338C7



965700



00818B

Complementary

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



9338C7



6CC738

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.



007F42



9338C7



596E00

Square

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



9338C7



C32A00



007A00



0080CA

Rectangle

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



9338C7



D9005A



007A00



008073

Sweetspot

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



9338C7



EBC7FF



386CC7



735E80



000000



808080

Same Dimension

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



9338C7



AF24FF



C738B4



605A63



6800A3



170024

Inverse Universe

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



C7386C



FF2473



38C74B



635A5D



A3003B



24000D

Previews

White Background



This preview shows how the Hex color 9338C7 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

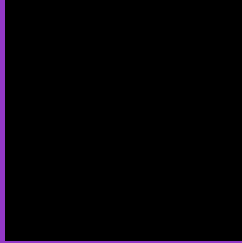
Any Text WCAG AA × Fail

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 9338C7 Background



This preview shows how black text looks on a background with the Hex color 9338C7.

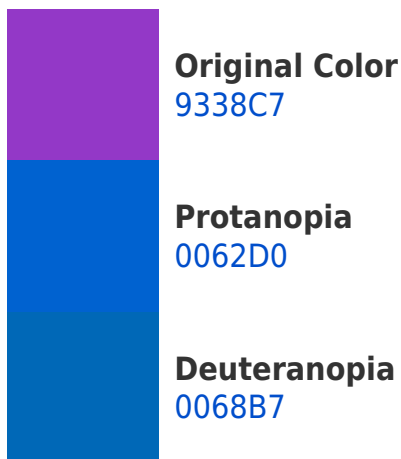


This preview shows how white text looks on a background with the Hex color 9338C7.

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](#).

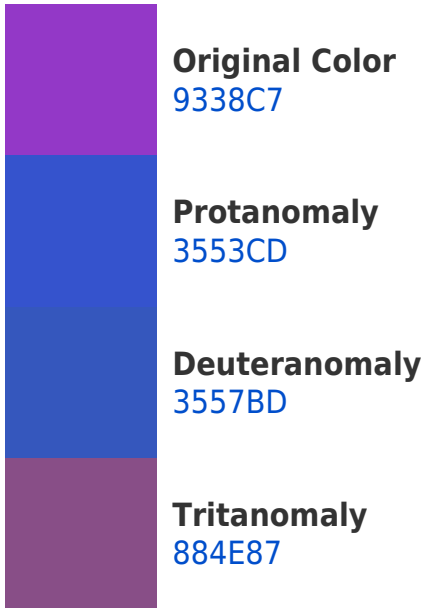
Dichromacy



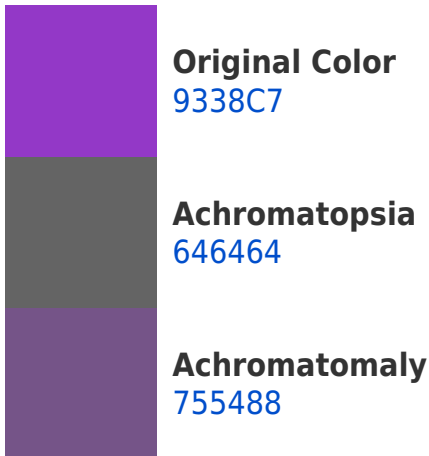


Tritanopia
825B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9338C7 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 #9338C7 looks like.

```
.text, #text, p{  
    color:#9338C7  
}
```

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 #9338C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9338C7
}
```

Border

The CSS property to change the border of an element to Hex 9338C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

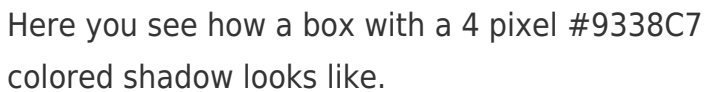
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9338C7 }
```

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

```
.border{ border-color:#9338C7 }
```

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



Here you see how a box with a 4 pixel #9338C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9338C7; -webkit-box-shadow:4px 4px  
4px 4px #9338C7; box-shadow:4px 4px 4px  
4px #9338C7 }
```

Background

The CSS property to change the background color of an element to Hex 9338C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9338C7 }
```

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

```
.background{ background-color:#9338C7 }
```

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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