

# Converting Colors

Hex(938CD6)

Have a look what the booklet for  
Hex(938CD6) contains.

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# **Color**

**Hex(938CD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	938CD6
RGB	147, 140, 214
RGB Percent	58%, 55%, 84%
CMY	0.4235, 0.4510, 0.1608
CMYK	0.31, 0.35, 0.00, 0.16
HSL	246°, 47%, 69%
HSV	246°, 35%, 84%
XYZ	33.5483, 29.8143, 67.6049
YIQ	150.5290, -19.5820, 24.4980

# Conversions

## Conversions Part 2

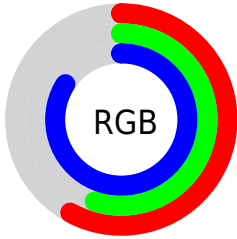
Format	Color
<b>R<sub>YB</sub></b>	147, 140, 214
Decimal	9669846
CIE Lab	61.49, 19.33, -37.01
CIE LCh	61, 41.758, 297.580
Yxy	29.8143, 0.2562, 0.2276
Android (android.graphics.Color)	4287859926 (0xFF938CD6)
YUV	150.5290, 31.2912, -3.0949
Hunter-Lab	54.6024, 14.1180, -35.1870

# Details

The Hex color **938CD6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFD68C**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **CBC2FF**, and **5E5A9F** is the 20% darker color. If you saturate the color by 10%, you get **8077D6**, and if you desaturate by 10%, it is **A6A1D6**.

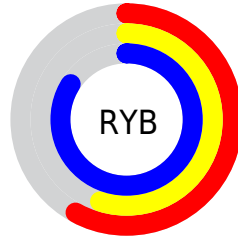
# Distribution



Red (58%)

Green (55%)

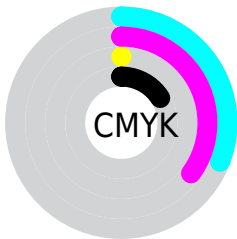
Blue (84%)



Red (58%)

Yellow (55%)

Blue (84%)

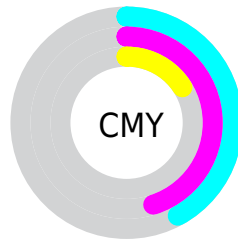


Cyan (31%)

Magenta (35%)

Yellow (0%)

Black (16%)



Cyan (42%)

Magenta (45%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 938CD6 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 938CD6 by changing the saturation by 10% instead.



■ 938CD6

■ 938CD6

FFFFFF

■ 7873BA

■ CBC2FF

■ 5E5A9F

■ E7DDFF

■ 444384

■ FFFAFF

■ 2A2C6B

■ 0B1852

■ 00003B

■ 000224

■ 00000C

■ 000000

 938CD6

 938CD6

 8077D6

 A6A1D6

 6C61D6

 BAB7D6

 594CD6

 CDCCD6

 4536D6

 E1E2D6

 3221D6

 F4F7D6

 1F0CD6

 FFFFD6

 1400D6

# Harmonies

## Analogous

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



5099DE



938CD6



C07EBD

# Triad

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



938CD6



CA8457



05A790

# Complementary

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



938CD6



CFD68C

# 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.



5BA46B



938CD6



AE9149

# Square

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



938CD6



DA7974



899C51



00A7B6

# Rectangle

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



938CD6



D278A5



899C51



32A783



# Sweetspot

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



938CD6



E8E6FF



8CD0D6



727080



000000



808080



# Same Dimension

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



938CD6



A096FF



B78CD6



61606B



1000AB



04002B



# Inverse Universe

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



D68CCF



FF96F5



ABD68C



6B606A



AB009B

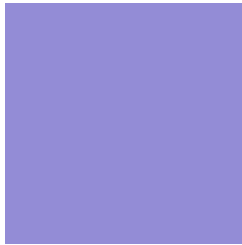


2B0027



# Previews

## White Background



This preview shows how the Hex color 938CD6 looks on a white background.

## Color Contrast Check

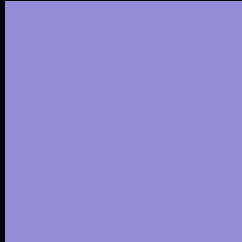
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 938CD6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

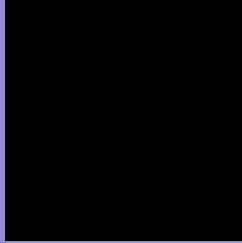
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 938CD6 Background



This preview shows how black text looks on a background with the Hex color 938CD6.

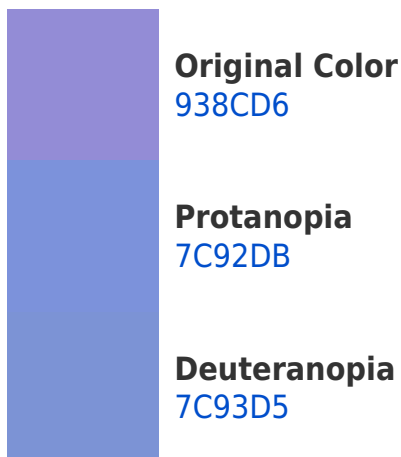


This preview shows how white text looks on a background with the Hex color 938CD6.

# 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](#).

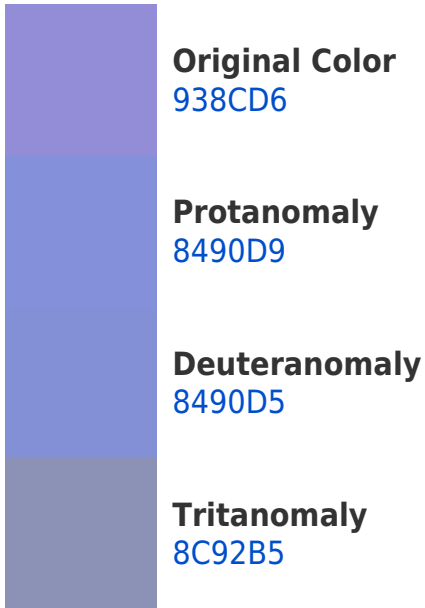
## Dichromacy



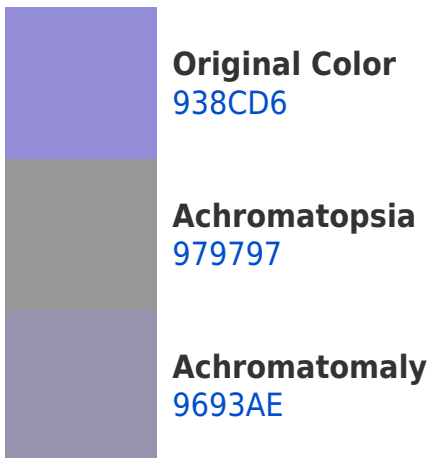


**Tritanopia**  
8896A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 938CD6 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 #938CD6 looks like.

```
.text, #text, p{  
    color:#938CD6  
}
```

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 #938CD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938CD6
}
```

## Border

The CSS property to change the border of an element to Hex 938CD6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

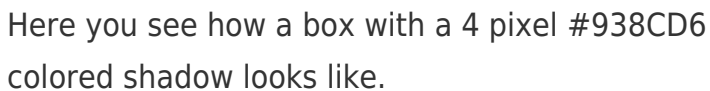
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#938CD6 }
```

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

```
.border{ border-color:#938CD6 }
```

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



Here you see how a box with a 4 pixel #938CD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938CD6; -webkit-box-shadow:4px 4px  
4px 4px #938CD6; box-shadow:4px 4px 4px  
4px #938CD6 }
```

# Background

The CSS property to change the background color of an element to Hex 938CD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938CD6 }
```

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

```
.background{ background-color:#938CD6 }
```

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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