

# Converting Colors

Hex(958CE4)

Have a look what the booklet for  
Hex(958CE4) contains.

<b>Hex(958CE4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(958CE4)

# Conversions

## Conversions Part 1

Format	Color
Hex	958CE4
RGB	149, 140, 228
RGB Percent	58%, 55%, 89%
CMY	0.4157, 0.4510, 0.1059
CMYK	0.35, 0.39, 0.00, 0.11
HSL	246°, 62%, 72%
HSV	246°, 39%, 89%
XYZ	35.7761, 30.7472, 77.4480
YIQ	152.7230, -22.8840, 29.2760

# Conversions

## Conversions Part 2

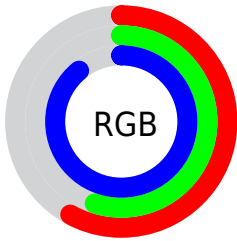
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	149, 140, 228
Decimal	9800932
CIE Lab	62.29, 23.54, -43.54
CIE LCh	62, 49.497, 298.396
Yxy	30.7472, 0.2485, 0.2136
Android (android.graphics.Color)	4287991012 (0xFF958CE4)
YUV	152.7230, 37.1116, -3.2651
Hunter-Lab	55.4501, 18.1294, -43.9961

# Details

The Hex color `958CE4` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `DBE48C`, and the grayscale version is `989898`.

A 20% lighter version of the original color is `CDC2FF`, and `5F5AAC` is the 20% darker color. If you saturate the color by 10%, you get `8175E4`, and if you desaturate by 10%, it is `A9A3E4`.

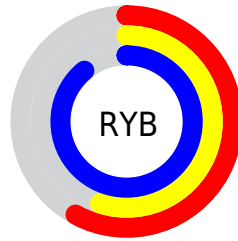
# Distribution



Red (58%)

Green (55%)

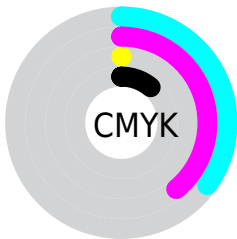
Blue (89%)



Red (58%)

Yellow (55%)

Blue (89%)

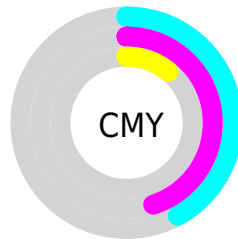


Cyan (35%)

Magenta (39%)

Yellow (0%)

Black (11%)



Cyan (42%)

Magenta (45%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 958CE4 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 958CE4 by changing the saturation by 10% instead.



 958CE4

 958CE4

FFFFFF

 7A72C8

 CDC2FF


 5F5AAC

 EADDFE

 444291

 FFFAFF

 272C77

 01185E

 000046

 00042E

 000119

 000000

958CE4

958CE4

8175E4

A9A3E4

6C5EE4

BEBAE4

5848E4

D2D0E4

4331E4

E7E7E4

2F1AE4

FBFEE4

1A03E4

FFFFE4

1700E4

# Harmonies

## Analogous

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



369CEE



958CE4



CA7BC5

# Triad

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



958CE4



D4834C



00AC93

# Complementary

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



958CE4



DBE48C

# 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.



4DA967



958CE4



B2933B

# Square

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



958CE4



E7756F



86A046



00ACBF

# Rectangle

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



958CE4



DF73AA



86A046



00AC83



# Sweetspot

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



958CE4



E4E0FF



8CDBE4



6F6E80



000000



808080



# Same Dimension

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



958CE4



968AFF



C18CE4



686773



1200B3



050033



# Inverse Universe

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



E48CDB



FF8AF3



AFE48C



736772



B300A0

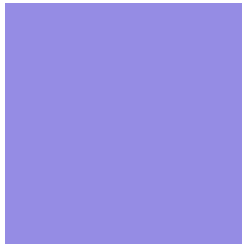


33002E



# Previews

## White Background



This preview shows how the Hex color 958CE4 looks on a white background.

## Color Contrast Check

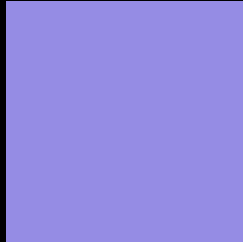
Large Text (above 18pt) WCAG AA × Fail

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 958CE4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

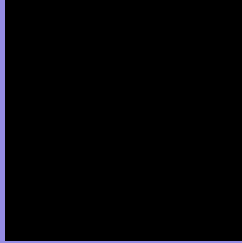
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 958CE4 Background



This preview shows how black text looks on a background with the Hex color 958CE4.



This preview shows how white text looks on a background with the Hex color 958CE4.

# 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](#).

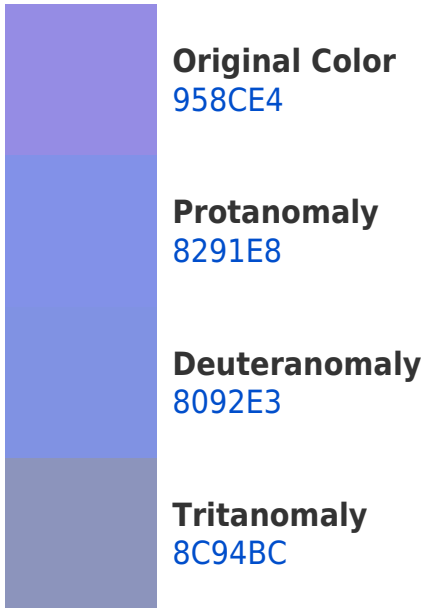
## Dichromacy



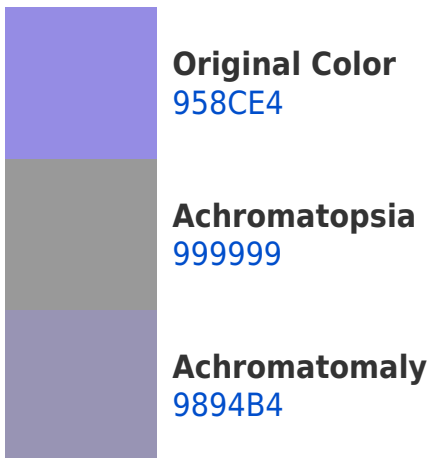


**Tritanopia**  
8799A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 958CE4 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 #958CE4 looks like.

```
.text, #text, p{  
    color:#958CE4  
}
```

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 #958CE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #958CE4
}
```

## Border

The CSS property to change the border of an element to Hex 958CE4 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
#958CE4 }
```

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

```
.border{ border-color:#958CE4 }
```

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

Here you see how a box with a 4 pixel #958CE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #958CE4; -webkit-box-shadow:4px 4px  
4px 4px #958CE4; box-shadow:4px 4px 4px  
4px #958CE4 }
```

# Background

The CSS property to change the background color of an element to Hex 958CE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#958CE4 }
```

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

```
.background{ background-color:#958CE4 }
```

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