

# Converting Colors

Hex(956EE1)

Have a look what the booklet for  
Hex(956EE1) contains.

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# **Color**

**Hex(956EE1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	956EE1
RGB	149, 110, 225
RGB Percent	58%, 43%, 88%
CMY	0.4157, 0.5686, 0.1176
CMYK	0.34, 0.51, 0.00, 0.12
HSL	260°, 66%, 66%
HSV	260°, 51%, 88%
XYZ	31.5610, 22.9777, 74.0059
YIQ	134.7710, -13.6710, 44.0330

# Conversions

## Conversions Part 2

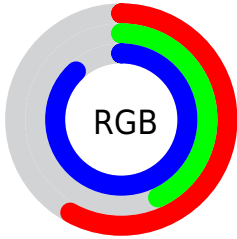
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 110, 225
Decimal	9793249
CIE <sub>Lab</sub>	55.05, 39.99, -53.35
CIE <sub>LCh</sub>	55, 66.672, 306.856
Yxy	22.9777, 0.2455, 0.1788
Android (android.graphics.Color)	4287983329 (0xFF956EE1)
YUV	134.7710, 44.4829, 12.4788
Hunter-Lab	47.9350, 33.6401, -57.9820

# Details

The Hex color **956EE1** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BAE16E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **CEA3FF**, and **5D3DA9** is the 20% darker color. If you saturate the color by 10%, you get **8658E1**, and if you desaturate by 10%, it is **A485E1**.

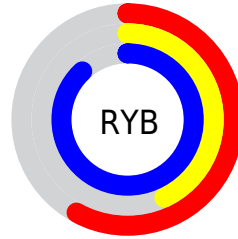
# Distribution



Red (58%)

Green (43%)

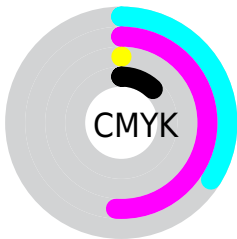
Blue (88%)



Red (58%)

Yellow (43%)

Blue (88%)

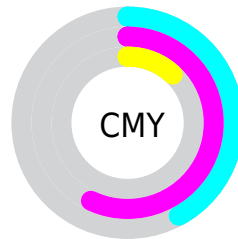


Cyan (34%)

Magenta (51%)

Yellow (0%)

Black (12%)



Cyan (42%)

Magenta (57%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 956EE1 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 956EE1 by changing the saturation by 10% instead.



956EE1

956EE1

FFFFFF

7955C5

CEA3FF

5D3DA9

EBBEFF

41258E

FFDAFF

230D74

FFF7FF

00005A

000042

00032B

000115

000000

956EE1

956EE1

8658E1

A485E1

7741E1

B39BE1

682BE1

C2B2E1

5A14E1

D0C8E1

4C00E1

DFDFE1

EEF5E1

FDFFE1

FFFFE1

# Harmonies

## Analogous

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



0087F7



956EE1



D252B2

# Triad

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



956EE1



C27005



009E90

# Complementary

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



956EE1



BAE16E

# 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.



009B54



956EE1



928600

# Square

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



956EE1



E15541



549317



009DC8

# Rectangle

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



956EE1



E5468C



549317



009D7C



# Sweetspot

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



956EE1



E6D9FF



6EBBE1



706980



000000



808080



# Same Dimension

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



956EE1



9863FF



CE6EE1



696570



3C00B0



100030



# Inverse Universe

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



E16EBA



FF63CA



81E16E



70656C



B00074

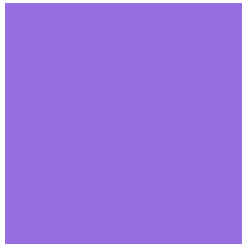


300020



# Previews

## White Background



This preview shows how the Hex color 956EE1 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

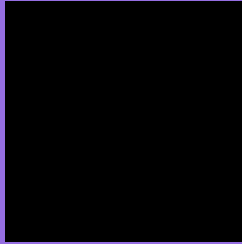
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 956EE1 Background



This preview shows how black text looks on a background with the Hex color 956EE1.




This preview shows how white text looks on a background with the Hex color 956EE1.

# 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](#).

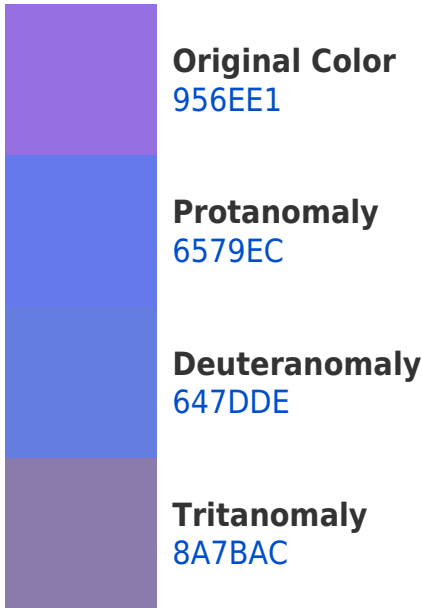
## Dichromacy





**Tritanopia**  
84838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 956EE1 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 #956EE1 looks like.

```
.text, #text, p{  
    color:#956EE1  
}
```

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 #956EE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #956EE1
}
```

## Border

The CSS property to change the border of an element to Hex 956EE1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

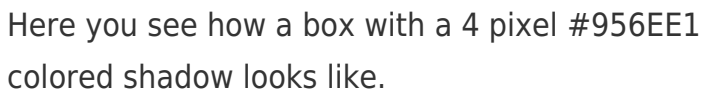
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#956EE1 }
```

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

```
.border{ border-color:#956EE1 }
```

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



Here you see how a box with a 4 pixel #956EE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #956EE1; -webkit-box-shadow:4px 4px  
4px 4px #956EE1; box-shadow:4px 4px 4px  
4px #956EE1 }
```

# Background

The CSS property to change the background color of an element to Hex 956EE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#956EE1 }
```

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

```
.background{ background-color:#956EE1 }
```

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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