

# Converting Colors

Hex(955BF7)

Have a look what the booklet for  
Hex(955BF7) contains.

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# Color

Hex(955BF7)

# Conversions

## Conversions Part 1

Format	Color
Hex	955BF7
RGB	149, 91, 247
RGB Percent	58%, 36%, 97%
CMY	0.4157, 0.6431, 0.0314
CMYK	0.40, 0.63, 0.00, 0.03
HSL	262°, 91%, 66%
HSV	262°, 63%, 97%
XYZ	32.9240, 20.5871, 90.2341
YIQ	126.1260, -15.5080, 60.8120

# Conversions

## Conversions Part 2

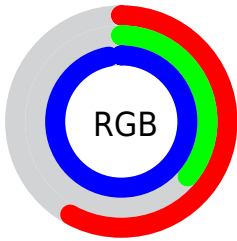
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	149, 91, 247
Decimal	9788407
CIE <sub>Lab</sub>	52.49, 55.92, -69.77
CIE <sub>LCh</sub>	52, 89.408, 308.712
Y <sub>xy</sub>	20.5871, 0.2290, 0.1432
Android (android.graphics.Color)	4287978487 (0xFF955BF7)
YUV	126.1260, 59.5909, 20.0605
Hunter-Lab	45.3730, 50.1220, -86.1499

# Details

The Hex color **955BF7** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **BDF75B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D090FF**, and **5A27BE** is the 20% darker color. If you saturate the color by 10%, you get **8542F7**, and if you desaturate by 10%, it is **A574F7**.

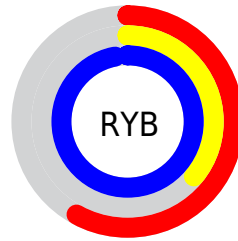
# Distribution



Red (58%)

Green (36%)

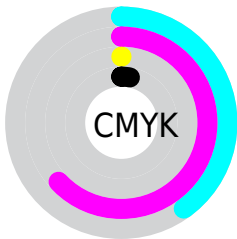
Blue (97%)



Red (58%)

Yellow (36%)

Blue (97%)

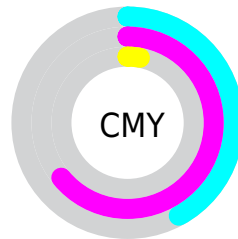


Cyan (40%)

Magenta (63%)

Yellow (0%)

Black (3%)



Cyan (42%)

Magenta (64%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 955BF7 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 955BF7 by changing the saturation by 10% instead.



 955BF7

 955BF7

FFFFFF

 7741DA

 D090FF

 5A27BE

 EEABFF

 3A08A2

 FFC7FF

 0D0087

 FFE4FF

 00006D

 000053

 00063B

 000224

 00000C

 955BF7

 955BF7

 8542F7

 A574F7

 762AF7

 B48CF7

 6611F7

 C4A5F7

 5C00F7

 D3BEF7

 E3D6F7

 F2EFF7

 FFFFF7

# Harmonies

## Analogous

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



0081FF



955BF7



E611B7

# Triad

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



955BF7



C36400



009C93

# Complementary

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



955BF7



BDF75B

# 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.



009941



955BF7



858200

# Square

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



955BF7



EF301E



1F9200



009CDD

# Rectangle

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



955BF7



FB0084



1F9200



009C78



# Sweetspot

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



955BF7



E1CFFF



5BBEF7



6D6280



000000



808080



# Same Dimension

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



955BF7



853DFF



E25BF7



736E7A



4500BA



16003B



# Inverse Universe

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



F75BBD



FF3DB7



70F75B



7A6E76



BA0075

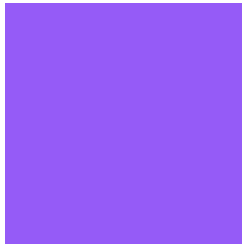


3B0025



# Previews

## White Background



This preview shows how the Hex color 955BF7 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 955BF7 Background



This preview shows how black text looks on a background with the Hex color 955BF7.

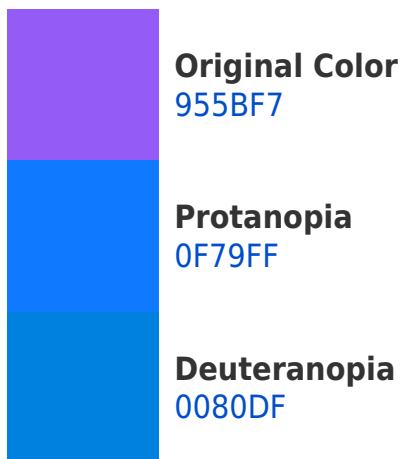



This preview shows how white text looks on a background with the Hex color 955BF7.

# 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](#).

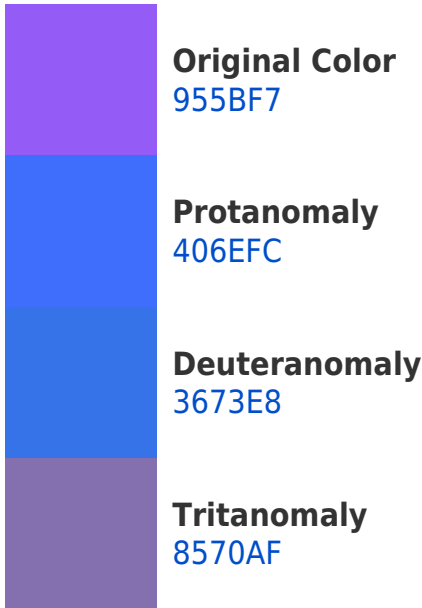
## Dichromacy



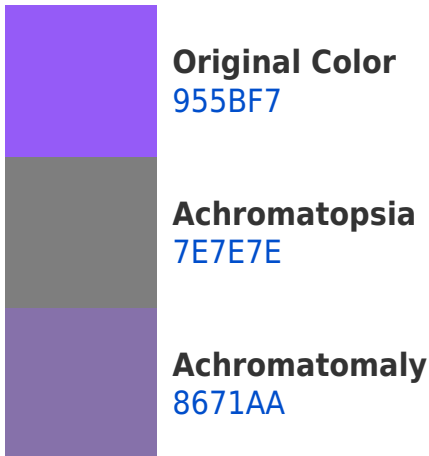


**Tritanopia**  
7C7C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 955BF7 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 #955BF7 looks like.

```
.text, #text, p{  
    color:#955BF7  
}
```

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 #955BF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #955BF7  
}
```

## Border

The CSS property to change the border of an element to Hex 955BF7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

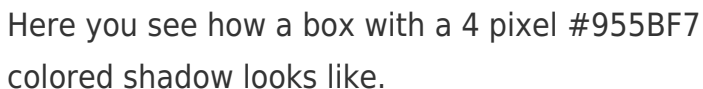
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#955BF7 }
```

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

```
.border{ border-color:#955BF7 }
```

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



Here you see how a box with a 4 pixel #955BF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #955BF7; -webkit-box-shadow:4px 4px  
4px 4px #955BF7; box-shadow:4px 4px 4px  
4px #955BF7 }
```

# Background

The CSS property to change the background color of an element to Hex 955BF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#955BF7 }
```

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

```
.background{ background-color:#955BF7 }
```

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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