

# Converting Colors

Hex(955FB8)

Have a look what the booklet for  
Hex(955FB8) contains.

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# Color

**Hex(955FB8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	955FB8
RGB	149, 95, 184
RGB Percent	58%, 37%, 72%
CMY	0.4157, 0.6275, 0.2784
CMYK	0.19, 0.48, 0.00, 0.28
HSL	276°, 39%, 55%
HSV	276°, 48%, 72%
XYZ	25.1384, 18.0347, 47.5035
YIQ	121.2920, 3.6150, 39.1270

# Conversions

## Conversions Part 2

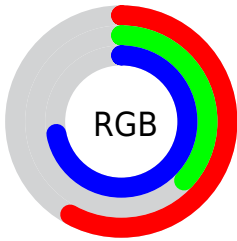
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	149, 95, 184
Decimal	9789368
CIE Lab	49.54, 38.46, -38.69
CIE LCh	50, 54.553, 314.826
Yxy	18.0347, 0.2772, 0.1989
Android (android.graphics.Color)	4287979448 (0xFF955FB8)
YUV	121.2920, 30.9150, 24.2999
Hunter-Lab	42.4672, 31.3449, -36.5942

# Details

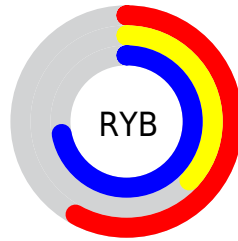
The Hex color **955FB8** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **82B85F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **CD93F0**, and **602E82** is the 20% darker color. If you saturate the color by 10%, you get **8E4DB8**, and if you desaturate by 10%, it is **9C71B8**.

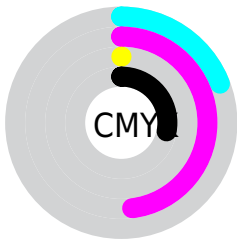
# Distribution



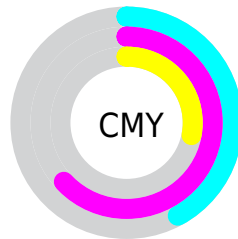
- Red (58%)
- Green (37%)
- Blue (72%)



- Red (58%)
- Yellow (37%)
- Blue (72%)



- Cyan (19%)
- Magenta (48%)
- Yellow (0%)
- Black (28%)



- Cyan (42%)
- Magenta (63%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 955FB8 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 955FB8 by changing the saturation by 10% instead.



 955FB8

 955FB8

FFFFFF

 7A469D

 CD93F0

 602E82

 EAAEFF

 461569

 FFCAFF

 2D0050

 FFE6FF

 190039

 000222

 000008

 000000

 955FB8

 955FB8

 8E4DB8

 9C71B8

 873AB8

 A384B8

 7F28B8

 AB96B8

 7815B8

 B2A9B8

 7103B8

 B9BBB8

 7000B8

 C0CDB8

 C8E0B8

 CFF2B8

 D6FFB8

# Harmonies

## Analogous

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



4373D0



955FB8



BD4C8F

# Triad

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



955FB8



A06B12



008C8C

# Complementary

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



955FB8



82B85F

# 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.



008A5C



955FB8



777B0A

# Square

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



955FB8



BD5836



41852F



0089B6

# Rectangle

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



955FB8



C84770



41852F



008B7C



# Sweetspot

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



955FB8



E2CCF0



5F83B8



6F6278



F7F7F7



787878



# Same Dimension

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



955FB8



B965F0



B85FAF



58535C



5E009C



11001C



# Inverse Universe

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



B85F82



F0659B



5FB868



5C5356



9C003D

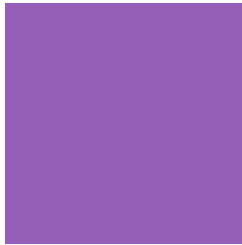


1C000B



# Previews

## White Background



This preview shows how the Hex color 955FB8 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 ✓ Pass

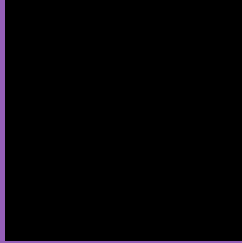
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 955FB8 Background



This preview shows how black text looks on a background with the Hex color 955FB8.

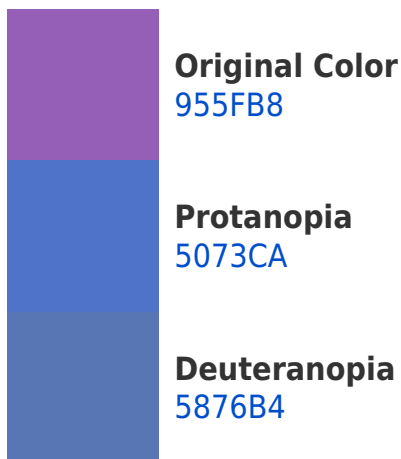


This preview shows how white text looks on a background with the Hex color 955FB8.

# 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](#).

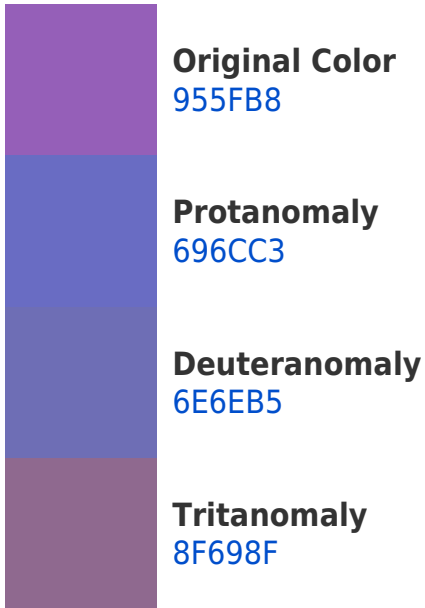
## Dichromacy





**Tritanopia**  
8B6E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 955FB8 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 #955FB8 looks like.

```
.text, #text, p{  
    color:#955FB8  
}
```

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 #955FB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #955FB8
}
```

## Border

The CSS property to change the border of an element to Hex 955FB8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

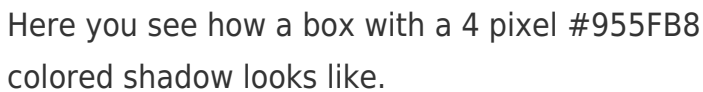
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#955FB8 }
```

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

```
.border{ border-color:#955FB8 }
```

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



Here you see how a box with a 4 pixel #955FB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #955FB8; -webkit-box-shadow:4px 4px  
4px 4px #955FB8; box-shadow:4px 4px 4px  
4px #955FB8 }
```

# Background

The CSS property to change the background color of an element to Hex 955FB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#955FB8 }
```

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

```
.background{ background-color:#955FB8 }
```

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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