

Converting Colors

Hex(954FA3)

Have a look what the booklet for
Hex(954FA3) contains.

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Color

Hex(954FA3)

Conversions

Conversions Part 1

Format	Color
Hex	954FA3
RGB	149, 79, 163
RGB Percent	58%, 31%, 64%
CMY	0.4157, 0.6902, 0.3608
CMYK	0.09, 0.52, 0.00, 0.36
HSL	290°, 35%, 47%
HSV	290°, 52%, 64%
XYZ	21.8013, 14.6259, 36.3244
YIQ	109.5060, 14.7560, 40.9640

Conversions

Conversions Part 2

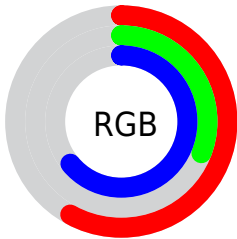
Format	Color
R_{YB}	149, 79, 163
Decimal	9785251
CIE _{Lab}	45.12, 42.63, -33.34
CIE _{LCh}	45, 54.117, 321.976
Yxy	14.6259, 0.2997, 0.2010
Android (android.graphics.Color)	4287975331 (0xFF954FA3)
YUV	109.5060, 26.3725, 34.6362
Hunter-Lab	38.2438, 34.8292, -29.5436

Details

The Hex color **954FA3** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5DA34F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **CD83DA**, and **601C6F** is the 20% darker color. If you saturate the color by 10%, you get **923FA3**, and if you desaturate by 10%, it is **985FA3**.

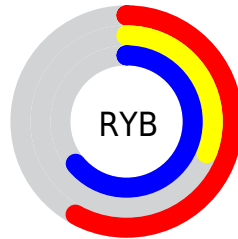
Distribution



Red (58%)

Green (31%)

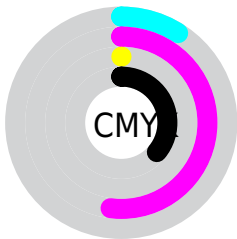
Blue (64%)



Red (58%)

Yellow (31%)

Blue (64%)

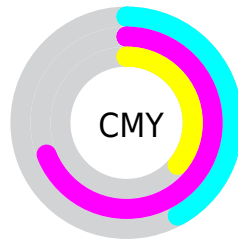


Cyan (9%)

Magenta (52%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (69%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 954FA3 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 954FA3 by changing the saturation by 10% instead.

954FA3

954FA3

FFFFFF

7A3688

CD83DA

601C6F

EA9EF7

460056

FFB9FF

2E003E

FFD5FF

150028

FFF2FF

000111

000000

954FA3

954FA3

923FA3

985FA3

902EA3

9A70A3

8D1EA3

9D80A3

8A0EA3

A090A3

8800A3

A3A1A3

A5B1A3

A8C1A3

ABD1A3

ADE2A3

Harmonies

Analogous

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



5164BF



954FA3



B53E79

Triad

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



954FA3



8A6400



00808B

Complementary

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



954FA3



5DA34F

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.



007F5D



954FA3



607201

Square

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



954FA3



AA5123



217B2F



007CB1

Rectangle

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



954FA3



BB3C5B



217B2F



00807C

Sweetspot

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



954FA3



CEB4D4



4F5DA3



68586B



EBEBEB



6B6B6B

Same Dimension

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



954FA3



BE50D4



A34F87



504952



790091



0F0012

Inverse Universe

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



A34F5D



D45066



4FA36B



52494B



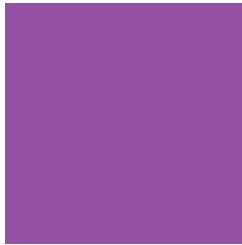
910018



120003

Previews

White Background



This preview shows how the Hex color 954FA3 looks on a white background.

Color Contrast Check

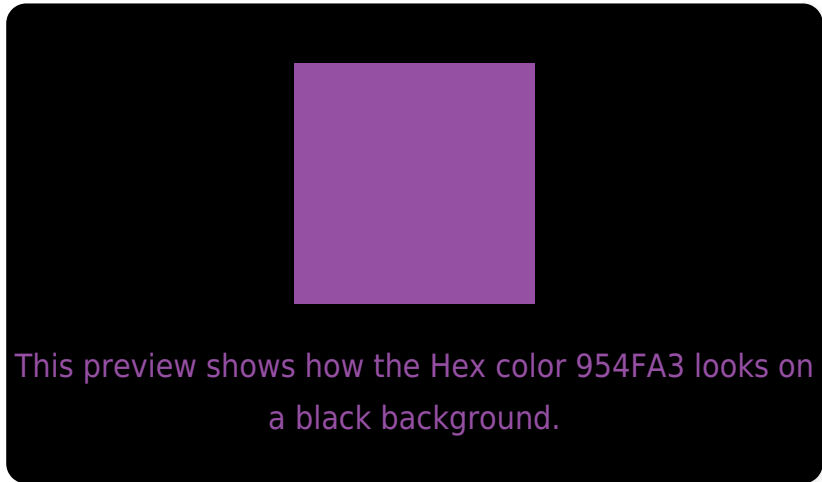
Large Text (above 18pt) WCAG AA ✓ Pass

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

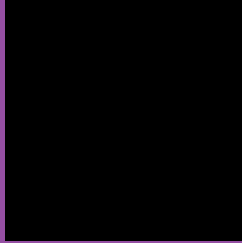
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 954FA3 Background



This preview shows how black text looks on a background with the Hex color 954FA3.

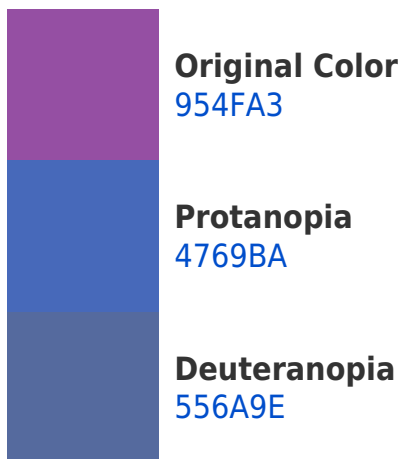


This preview shows how white text looks on a background with the Hex color 954FA3.

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](#).

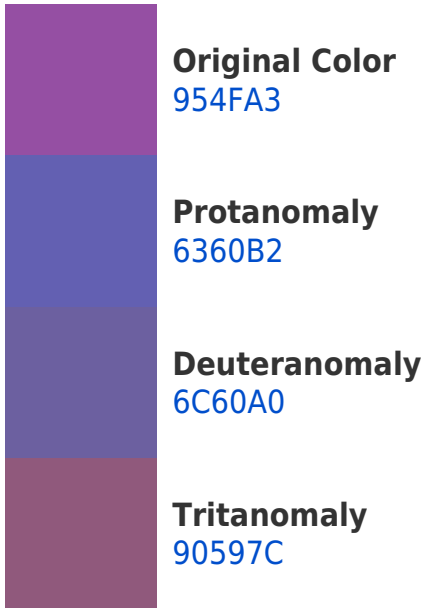
Dichromacy



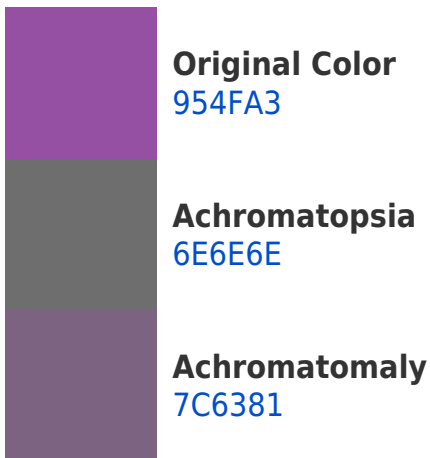


Tritanopia
8D5E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 954FA3 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 #954FA3 looks like.

```
.text, #text, p{  
    color:#954FA3  
}
```

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 #954FA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #954FA3
}
```

Border

The CSS property to change the border of an element to Hex 954FA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

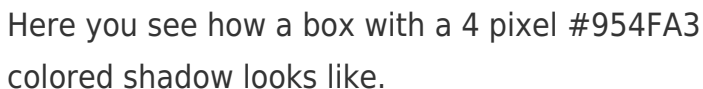
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#954FA3 }
```

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

```
.border{ border-color:#954FA3 }
```

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



Here you see how a box with a 4 pixel #954FA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #954FA3; -webkit-box-shadow:4px 4px  
4px 4px #954FA3; box-shadow:4px 4px 4px  
4px #954FA3 }
```

Background

The CSS property to change the background color of an element to Hex 954FA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#954FA3 }
```

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

```
.background{ background-color:#954FA3 }
```

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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