

Converting Colors

Hex(935FA3)

Have a look what the booklet for
Hex(935FA3) contains.

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Color

Hex(935FA3)

Conversions

Conversions Part 1

Format	Color
Hex	935FA3
RGB	147, 95, 163
RGB Percent	58%, 37%, 64%
CMY	0.4235, 0.6275, 0.3608
CMYK	0.10, 0.42, 0.00, 0.36
HSL	286°, 27%, 51%
HSV	286°, 42%, 64%
XYZ	22.7357, 17.0318, 36.7395
YIQ	118.3000, 9.1640, 32.1720

Conversions

Conversions Part 2

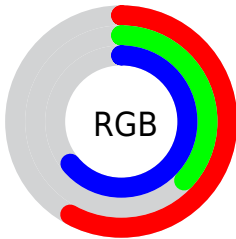
Format	Color
R_{YB}	147, 95, 163
Decimal	9658275
CIE _{Lab}	48.30, 33.22, -28.37
CIE _{LCh}	48, 43.692, 319.501
Yxy	17.0318, 0.2972, 0.2226
Android (android.graphics.Color)	4287848355 (0xFF935FA3)
YUV	118.3000, 22.0371, 25.1699
Hunter-Lab	41.2696, 26.1150, -23.8931

Details

The Hex color **935FA3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6FA35F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **CA93DA**, and **5F2F6F** is the 20% darker color. If you saturate the color by 10%, you get **8F4FA3**, and if you desaturate by 10%, it is **976FA3**.

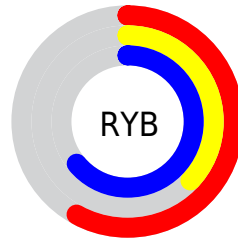
Distribution



Red (58%)

Green (37%)

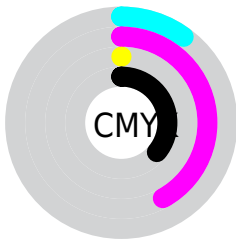
Blue (64%)



Red (58%)

Yellow (37%)

Blue (64%)

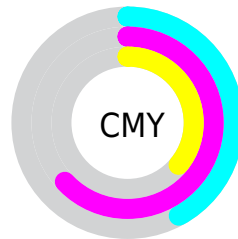


Cyan (10%)

Magenta (42%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (63%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 935FA3 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 935FA3 by changing the saturation by 10% instead.

■ 935FA3

■ 935FA3

FFFFFF

■ 794689

■ CA93DA

■ 5F2F6F

■ E7AEF7

■ 461756

■ FFC9FF

■ 2E003F

■ FFE6FF

■ 1A0029

■ 000112

■ 000000

■ 935FA3

■ 935FA3

■ 8F4FA3

■ 976FA3

8B3EA3

9B80A3

872EA3

9F90A3

841EA3

A2A0A3

800EA3

A6B0A3

7D00A3

AAC1A3

AED1A3

B2E1A3

B6F2A3

Harmonies

Analogous

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



5E6EB8



935FA3



B05381

Triad

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



935FA3



926C27



00858A

Complementary

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



935FA3



6FA35F

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.



008464



935FA3



707828

Square

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



935FA3



AB5E3C



448041



0082AA

Rectangle

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



935FA3



B75268



448041



00857E

Sweetspot

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



935FA3



CDB8D4



5F70A3



675A6B



EBEBEB



6B6B6B

Same Dimension

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



935FA3



BB6AD4



A35F92



504952



6F0091



0E0012

Inverse Universe

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



A35F6F



D46A83



5FA370



52494B



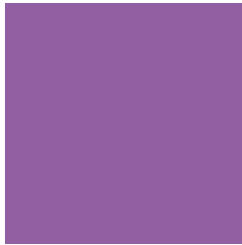
910022



120004

Previews

White Background



This preview shows how the Hex color 935FA3 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

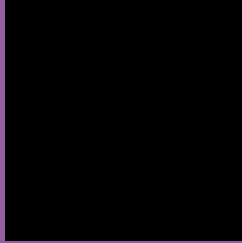
Any Text WCAG AA × Fail

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 935FA3 Background



This preview shows how black text looks on a background with the Hex color 935FA3.



This preview shows how white text looks on a background with the Hex color 935FA3.

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



Original Color
935FA3

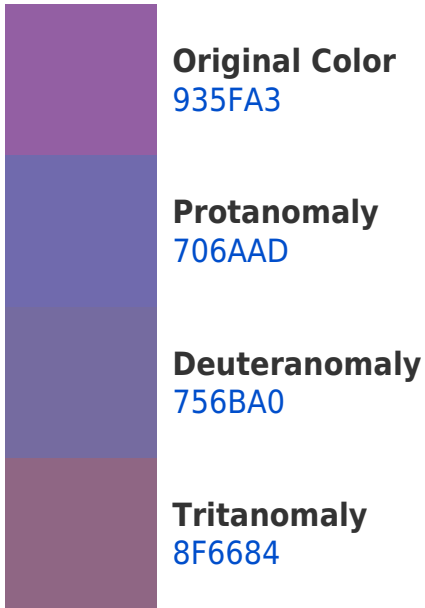
Protanopia
5C71B2

Deuteranopia
64729F

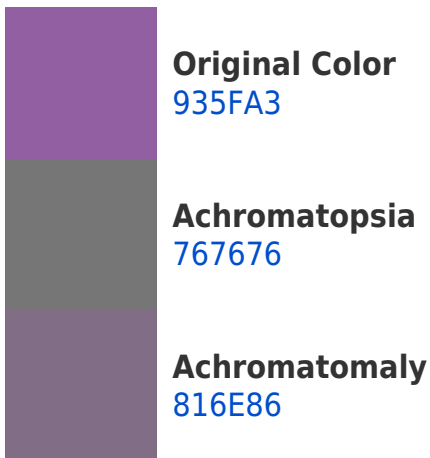


Tritanopia
8C6A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 935FA3 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 #935FA3 looks like.

```
.text, #text, p{  
    color:#935FA3  
}
```

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 #935FA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935FA3
}
```

Border

The CSS property to change the border of an element to Hex 935FA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

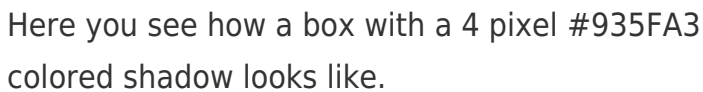
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#935FA3 }
```

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

```
.border{ border-color:#935FA3 }
```

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



Here you see how a box with a 4 pixel #935FA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935FA3; -webkit-box-shadow:4px 4px  
4px 4px #935FA3; box-shadow:4px 4px 4px  
4px #935FA3 }
```

Background

The CSS property to change the background color of an element to Hex 935FA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935FA3 }
```

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

```
.background{ background-color:#935FA3 }
```

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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