

Converting Colors

Hex(934FA2)

Have a look what the booklet for
Hex(934FA2) contains.

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Color

Hex(934FA2)

Conversions

Conversions Part 1

Format	Color
Hex	934FA2
RGB	147, 79, 162
RGB Percent	58%, 31%, 64%
CMY	0.4235, 0.6902, 0.3647
CMYK	0.09, 0.51, 0.00, 0.36
HSL	289°, 34%, 47%
HSV	289°, 51%, 64%
XYZ	21.3502, 14.4036, 35.8373
YIQ	108.7940, 13.8850, 40.2290

Conversions

Conversions Part 2

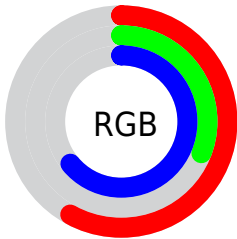
Format	Color
R_{YB}	147, 79, 162
Decimal	9654178
CIE _{Lab}	44.81, 41.85, -33.25
CIE _{LCh}	45, 53.447, 321.531
Yxy	14.4036, 0.2982, 0.2012
Android (android.graphics.Color)	4287844258 (0xFF934FA2)
YUV	108.7940, 26.2306, 33.5067
Hunter-Lab	37.9521, 34.0000, -29.4197

Details

The Hex color **934FA2** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5EA24F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **CB83D9**, and **5E1C6E** is the 20% darker color. If you saturate the color by 10%, you get **903FA2**, and if you desaturate by 10%, it is **965FA2**.

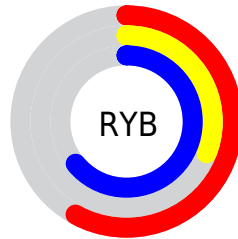
Distribution



Red (58%)

Green (31%)

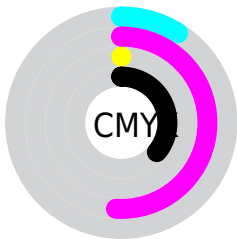
Blue (64%)



Red (58%)

Yellow (31%)

Blue (64%)

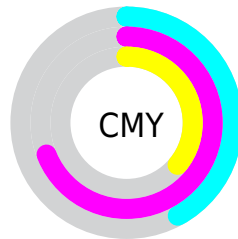


Cyan (9%)

Magenta (51%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (69%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 934FA2 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 934FA2 by changing the saturation by 10% instead.

934FA2

934FA2

FFFFFF

783688

CB83D9

5E1C6E

E79DF6

450055

FFB9FF

2C003D

FFD5FF

120027

FFF2FF

000110

000000

934FA2

934FA2

903FA2

965FA2

8D2FA2

996FA2

8A1EA2

9C80A2

870EA2

9F90A2

8500A2

A2A0A2

A5B0A2

A7C0A2

AAD1A2

ADE1A2

Harmonies

Analogous

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



4F64BD



934FA2



B33E79

Triad

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



934FA2



8A6300



007F89

Complementary

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



934FA2



5EA24F

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.



007E5B



934FA2



617102

Square

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



934FA2



A95124



237A2F



007BAF

Rectangle

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



934FA2



BA3C5B



237A2F



007F7A

Sweetspot

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



934FA2



CEB4D4



4F5EA2



68586B



EBEBEB



6B6B6B

Same Dimension

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



934FA2



BC53D4



A24F88



504952



770091



0F0012

Inverse Universe

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



A24F5E



D4536A



4FA269



52494B



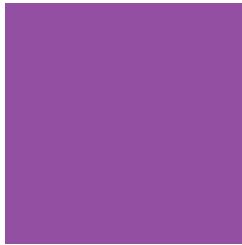
91001A



120003

Previews

White Background



This preview shows how the Hex color 934FA2 looks on a white background.

Color Contrast Check

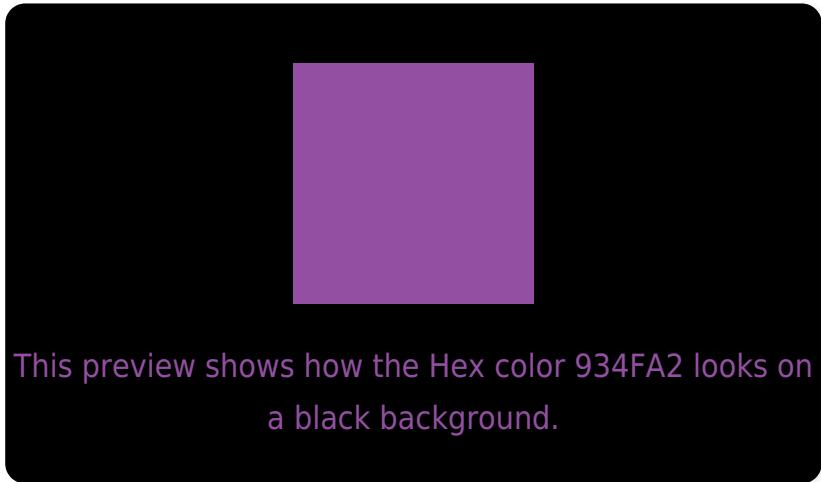
Large Text (above 18pt) WCAG AA ✓ Pass

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

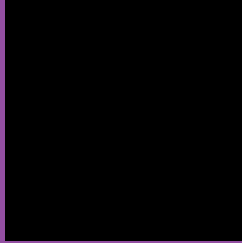
Any Text WCAG AA × Fail

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 934FA2 Background



This preview shows how black text looks on a background with the Hex color 934FA2.

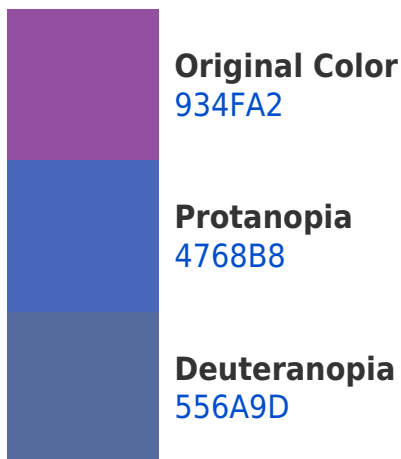



This preview shows how white text looks on a background with the Hex color 934FA2.

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





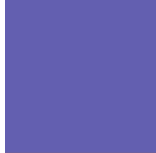
Tritanopia
8B5E65

Trichromacy



Original Color

934FA2



Protanomaly

635FB0



Deuteranomaly

6C609F



Tritanomaly

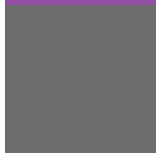
8E597B

Monochromacy



Original Color

934FA2



Achromatopsia

6D6D6D



Achromatomaly

7B6280

CSS Examples

Text

The CSS property to change the color of the text to Hex 934FA2 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 #934FA2 looks like.

```
.text, #text, p{  
    color:#934FA2  
}
```

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 #934FA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #934FA2
}
```

Border

The CSS property to change the border of an element to Hex 934FA2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

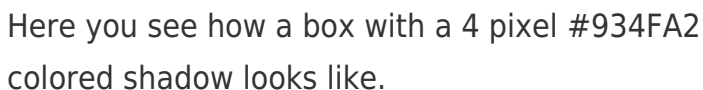
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#934FA2 }
```

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

```
.border{ border-color:#934FA2 }
```

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



Here you see how a box with a 4 pixel #934FA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #934FA2; -webkit-box-shadow:4px 4px  
4px 4px #934FA2; box-shadow:4px 4px 4px  
4px #934FA2 }
```

Background

The CSS property to change the background color of an element to Hex 934FA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#934FA2 }
```

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

```
.background{ background-color:#934FA2 }
```

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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