

Converting Colors

Hex(935BA0)

Have a look what the booklet for
Hex(935BA0) contains.

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Color

Hex(935BA0)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 935BA0 |
| RGB | 147, 91, 160 |
| RGB Percent | 58%, 36%, 63% |
| CMY | 0.4235, 0.6431, 0.3725 |
| CMYK | 0.08, 0.43, 0.00, 0.37 |
| HSL | 289°, 27%, 49% |
| HSV | 289°, 43%, 63% |
| XYZ | 22.1189, 16.2233, 35.2233 |
| YIQ | 115.6100, 11.2270, 33.3310 |

Conversions

Conversions Part 2

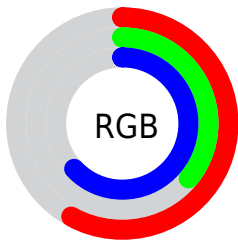
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 147, 91, 160 |
| Decimal | 9657248 |
| CIE _{Lab} | 47.27, 34.85, -28.22 |
| CIE _{LCh} | 47, 44.839, 321.005 |
| Yxy | 16.2233, 0.3007, 0.2205 |
| Android (android.graphics.Color) | 4287847328 (0xFF935BA0) |
| YUV | 115.6100, 21.8843, 27.5290 |
| Hunter-Lab | 40.2781, 27.5371, -23.6545 |

Details

The Hex color **935BA0** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **68A05B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **CA8FD7**, and **5F2A6C** is the 20% darker color. If you saturate the color by 10%, you get **904BA0**, and if you desaturate by 10%, it is **966BA0**.

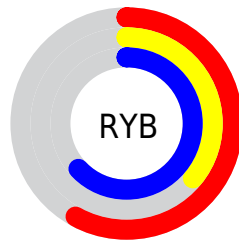
Distribution



Red (58%)

Green (36%)

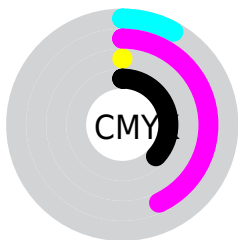
Blue (63%)



Red (58%)

Yellow (36%)

Blue (63%)

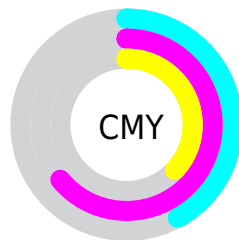


Cyan (8%)

Magenta (43%)

Yellow (0%)

Black (37%)



Cyan (42%)

Magenta (64%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 935BA0 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 935BA0 by changing the saturation by 10% instead.

 935BA0

 935BA0

FFFFFF

 784286

 CA8FD7

 5F2A6C

 E7A9F4

 461254

 FFC5FF

 2E003C

 FFE1FF

 180026

FFFEFF

 00010F

 000000

 935BA0

 935BA0

 904BA0

 966BA0

8D3BA0

997BA0

8A2BA0

9C8BA0

871BA0

9F9BA0

840BA0

A2ABA0

8200A0

A5BBA0

A8CBA0

ABDBA0

AEEBA0

Harmonies

Analogous

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



5D6BB7



935BA0



AF4F7D

Triad

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



935BA0



8E6A21



00828A

Complementary

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



935BA0



68A05B

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.



008263



935BA0



6B7624

Square

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



935BA0



A95C36



3D7E3E



007FAA

Rectangle

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



935BA0



B54E64



3D7E3E



00837D

Sweetspot

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



935BA0



CCB6D1



5B69A0



655869



E8E8E8



696969

Same Dimension

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



935BA0



BD64D1



A05B8B



4E474F



74008F



0C000F

Inverse Universe

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



A05B68



D16479



5BA070



4F4749



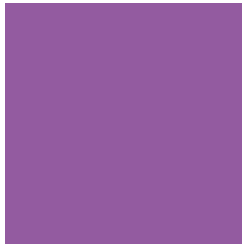
8F001B



0F0003

Previews

White Background



This preview shows how the Hex color 935BA0 looks on a white background.

Color Contrast Check

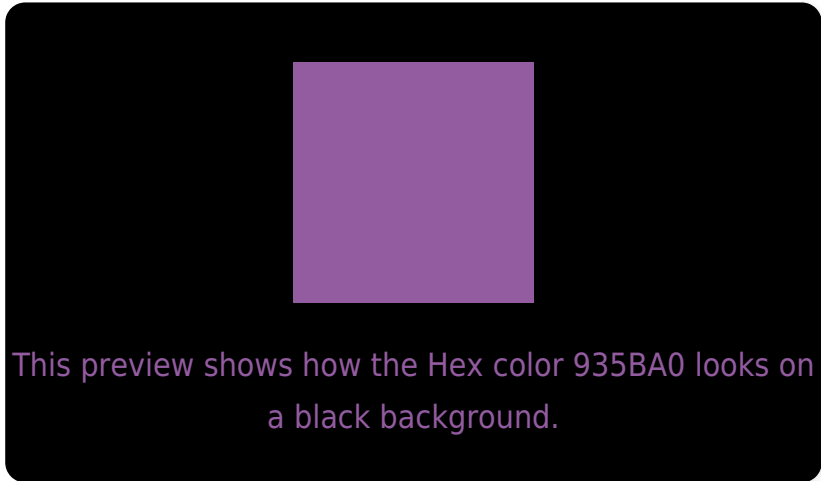
Large Text (above 18pt) WCAG AA ✓ Pass

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

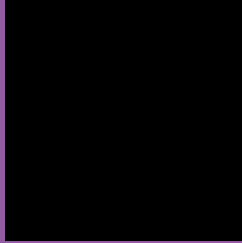
Any Text WCAG AA × Fail

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 935BA0 Background



This preview shows how black text looks on a background with the Hex color 935BA0.

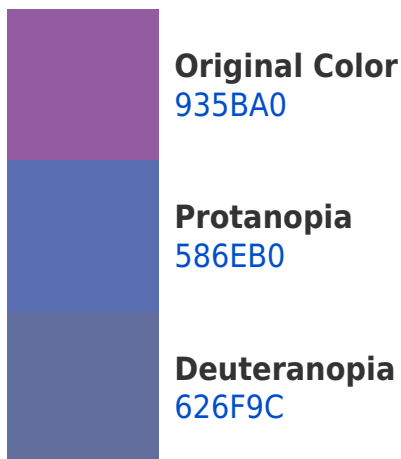



This preview shows how white text looks on a background with the Hex color 935BA0.

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](#).

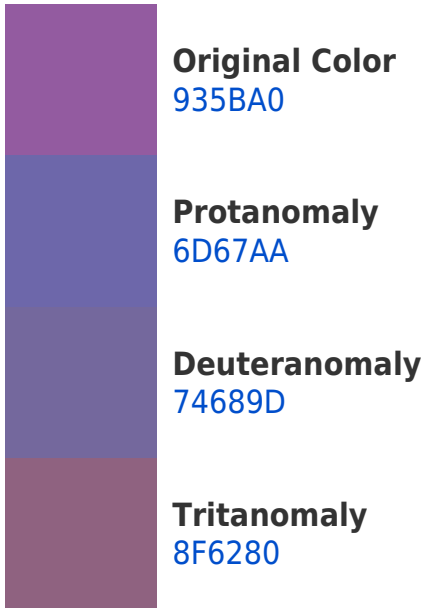
Dichromacy



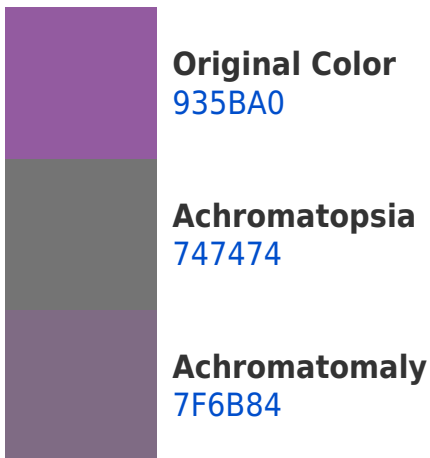


Tritanopia
8C666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 935BA0 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 #935BA0 looks like.

```
.text, #text, p{  
    color:#935BA0  
}
```

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 #935BA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935BA0
}
```

Border

The CSS property to change the border of an element to Hex 935BA0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

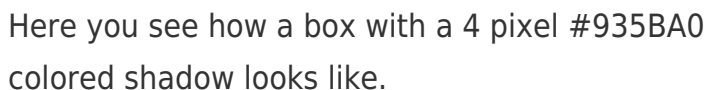
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#935BA0 }
```

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

```
.border{ border-color:#935BA0 }
```

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



Here you see how a box with a 4 pixel #935BA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935BA0; -webkit-box-shadow:4px 4px  
4px 4px #935BA0; box-shadow:4px 4px 4px  
4px #935BA0 }
```

Background

The CSS property to change the background color of an element to Hex 935BA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935BA0 }
```

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

```
.background{ background-color:#935BA0 }
```

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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