

Converting Colors

Hex(933FB0)

Have a look what the booklet for
Hex(933FB0) contains.

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Color

Hex(933FB0)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 933FB0 |
| RGB | 147, 63, 176 |
| RGB Percent | 58%, 25%, 69% |
| CMY | 0.4235, 0.7529, 0.3098 |
| CMYK | 0.16, 0.64, 0.00, 0.31 |
| HSL | 285°, 47%, 47% |
| HSV | 285°, 64%, 69% |
| XYZ | 21.6466, 12.8926, 42.4219 |
| YIQ | 100.9980, 13.7910, 52.9510 |

Conversions

Conversions Part 2

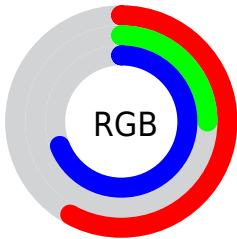
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 147, 63, 176 |
| Decimal | 9650096 |
| CIE _{Lab} | 42.60, 52.75, -45.04 |
| CIE _{LCh} | 43, 69.362, 319.510 |
| Yxy | 12.8926, 0.2813, 0.1675 |
| Android (android.graphics.Color) | 4287840176 (0xFF933FB0) |
| YUV | 100.9980, 36.9760, 40.3438 |
| Hunter-Lab | 35.9063, 44.7750, -44.9144 |

Details

The Hex color **933FB0** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5CB03F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **CC74E8**, and **5D007B** is the 20% darker color. If you saturate the color by 10%, you get **8E2DB0**, and if you desaturate by 10%, it is **9851B0**.

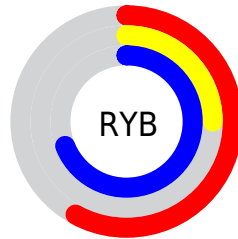
Distribution



Red (58%)

Green (25%)

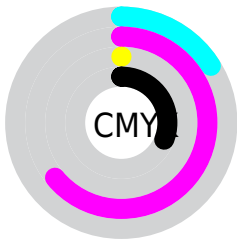
Blue (69%)



Red (58%)

Yellow (25%)

Blue (69%)

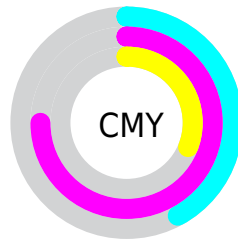


Cyan (16%)

Magenta (64%)

Yellow (0%)

Black (31%)



Cyan (42%)

Magenta (75%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933FB0 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 933FB0 by changing the saturation by 10% instead.

933FB0

933FB0

FFFFFF

782395

CC74E8

5D007B

E98FFF

420061

FFABFF

290049

FFC7FF

060031

FFE3FF

00011B

000000

933FB0

933FB0

8E2DB0

9851B0

8A1CB0

9C62B0

850AB0

A174B0

8300B0

A585B0

AA97B0

AEA9B0

B3BAB0

B7CCB0

BCDDB0

Harmonies

Analogous

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



115FD2



933FB0



BE147B

Triad

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



933FB0



8B5B00



007D89

Complementary

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



933FB0



5CB03F

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.



007B4E



933FB0



586D00

Square

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



933FB0



B23E03



007708



007BBC

Rectangle

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



933FB0



C70755



007708



007D76

Sweetspot

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



933FB0



DABAE6



3F5DB0



6C5873



F2F2F2



737373

Same Dimension

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



933FB0



B835E6



B03F96



575059



720099



13001A

Inverse Universe

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



B03F5C



E63562



3FB059



595053



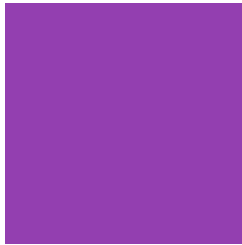
990027



1A0007

Previews

White Background



This preview shows how the Hex color 933FB0 looks on a white background.

Color Contrast Check

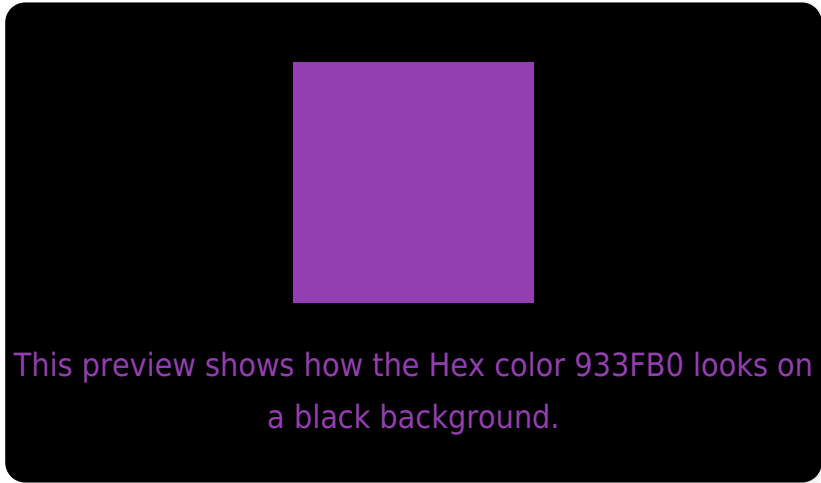
Large Text (above 18pt) WCAG AA ✓ Pass

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

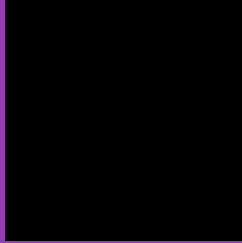
Any Text WCAG AA × Fail

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 933FB0 Background



This preview shows how black text looks on a background with the Hex color 933FB0.

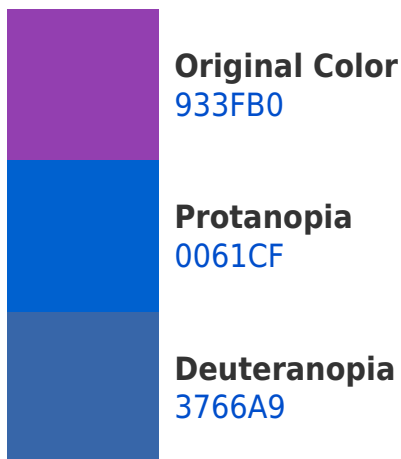


This preview shows how white text looks on a background with the Hex color 933FB0.

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](#).

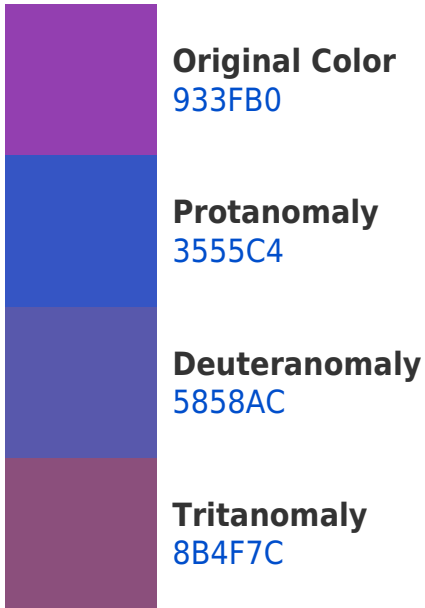
Dichromacy



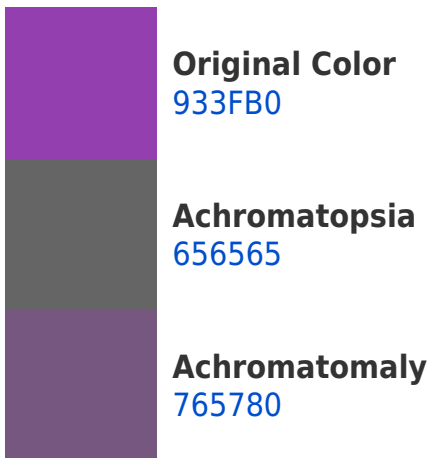


Tritanopia
87585E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 933FB0 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 #933FB0 looks like.

```
.text, #text, p{  
    color:#933FB0  
}
```

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 #933FB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933FB0
}
```

Border

The CSS property to change the border of an element to Hex 933FB0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

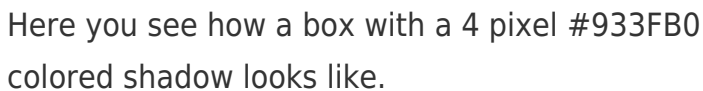
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933FB0 }
```

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

```
.border{ border-color:#933FB0 }
```

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



Here you see how a box with a 4 pixel #933FB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933FB0; -webkit-box-shadow:4px 4px  
4px 4px #933FB0; box-shadow:4px 4px 4px  
4px #933FB0 }
```

Background

The CSS property to change the background color of an element to Hex 933FB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933FB0 }
```

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

```
.background{ background-color:#933FB0 }
```

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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