

Converting Colors

Hex(933BA4)

Have a look what the booklet for
Hex(933BA4) contains.

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Color

Hex(933BA4)

Conversions

Conversions Part 1

Format	Color
Hex	933BA4
RGB	147, 59, 164
RGB Percent	58%, 23%, 64%
CMY	0.4235, 0.7686, 0.3569
CMYK	0.10, 0.64, 0.00, 0.36
HSL	290°, 47%, 44%
HSV	290°, 64%, 64%
XYZ	20.2974, 12.0113, 36.3706
YIQ	97.2820, 18.7430, 51.3110

Conversions

Conversions Part 2

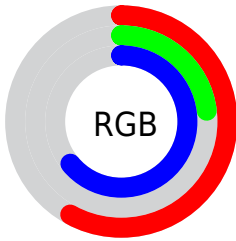
Format	Color
R_{YB}	147, 59, 164
Decimal	9649060
CIE _{Lab}	41.23, 52.16, -40.09
CIE _{LCh}	41, 65.789, 322.456
Yxy	12.0113, 0.2955, 0.1749
Android (android.graphics.Color)	4287839140 (0xFF933BA4)
YUV	97.2820, 32.8920, 43.6027
Hunter-Lab	34.6573, 43.8900, -37.9608

Details

The Hex color **933BA4** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4CA43B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **CB70DC**, and **5D0070** is the 20% darker color. If you saturate the color by 10%, you get **902BA4**, and if you desaturate by 10%, it is **964BA4**.

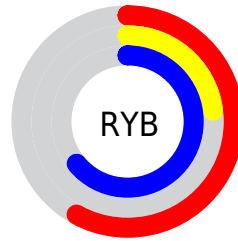
Distribution



Red (58%)

Green (23%)

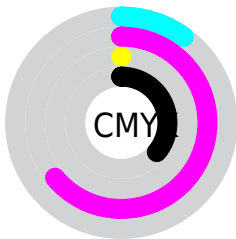
Blue (64%)



Red (58%)

Yellow (23%)

Blue (64%)

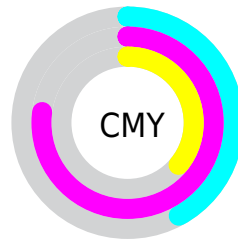


Cyan (10%)

Magenta (64%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (77%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933BA4 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 933BA4 by changing the saturation by 10% instead.

 933BA4

 933BA4

FFFFFF

 781F89

 CB70DC

 5D0070

 E98BF8

 430057

 FFA7FF

 2B003F

 FFC3FF

 050028

 FFDFFF

 000111

 FFFDFF

 000000

 933BA4

 933BA4

 902BA4

 964BA4

8E1AA4

985CA4

8B0AA4

9B6CA4

8900A4

9E7DA4

A08DA4

A39DA4

A6AEA4

A8BEA4

ABCFA4

Harmonies

Analogous

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



3559C6



933BA4



B81771

Triad

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



933BA4



825A00



007889

Complementary

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



933BA4



4CA43B

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.



007751



933BA4



506A00

Square

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



933BA4



A84100



007315



0076B7

Rectangle

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



933BA4



BE144D



007315



007877

Sweetspot

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



933BA4



D0AED6



3B4DA4



67526B



EBEBEB



6B6B6B

Same Dimension

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



933BA4



BB31D6



A43B81



504952



7A0091



0F0012

Inverse Universe

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



A43B4C



D6314C



3BA45E



52494B



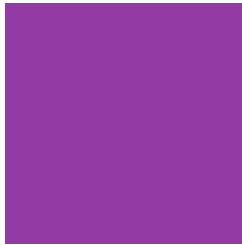
910018



120003

Previews

White Background



This preview shows how the Hex color 933BA4 looks on a white background.

Color Contrast Check

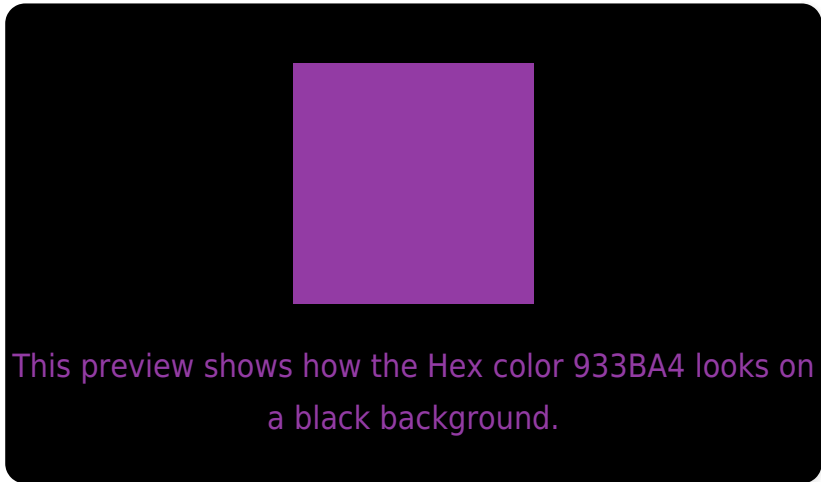
Large Text (above 18pt) WCAG AA ✓ Pass

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

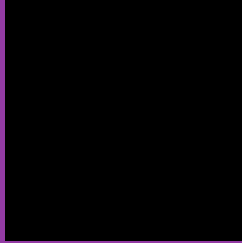
Any Text WCAG AA × Fail

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 933BA4 Background



This preview shows how black text looks on a background with the Hex color 933BA4.

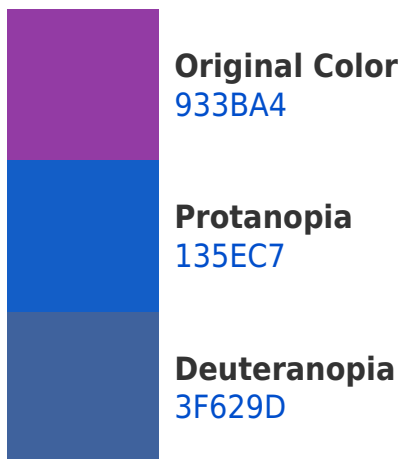


This preview shows how white text looks on a background with the Hex color 933BA4.

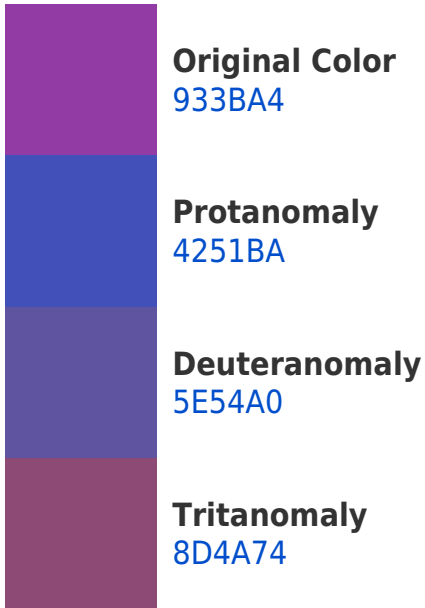
Color Blindness Simulation

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](#).

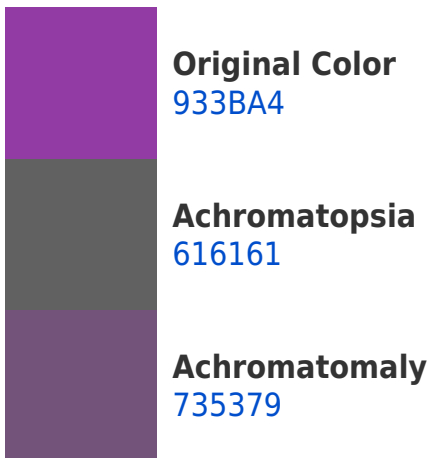
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 933BA4 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 #933BA4 looks like.

```
.text, #text, p{  
    color:#933BA4  
}
```

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 #933BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933BA4
}
```

Border

The CSS property to change the border of an element to Hex 933BA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

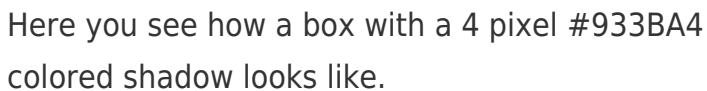
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933BA4 }
```

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

```
.border{ border-color:#933BA4 }
```

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



Here you see how a box with a 4 pixel #933BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933BA4; -webkit-box-shadow:4px 4px  
4px 4px #933BA4; box-shadow:4px 4px 4px  
4px #933BA4 }
```

Background

The CSS property to change the background color of an element to Hex 933BA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933BA4 }
```

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

```
.background{ background-color:#933BA4 }
```

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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