

Converting Colors

Hex(944ABF)

Have a look what the booklet for
Hex(944ABF) contains.

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Color

Hex(944ABF)

Conversions

Conversions Part 1

Format	Color
Hex	944ABF
RGB	148, 74, 191
RGB Percent	58%, 29%, 75%
CMY	0.4196, 0.7098, 0.2510
CMYK	0.23, 0.61, 0.00, 0.25
HSL	278°, 48%, 52%
HSV	278°, 61%, 75%
XYZ	24.0655, 14.9550, 50.9084
YIQ	109.4640, 6.5470, 52.0750

Conversions

Conversions Part 2

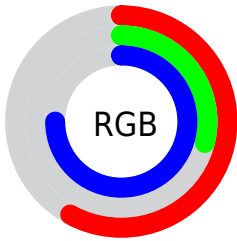
Format	Color
R_{YB}	148, 74, 191
Decimal	9718463
CIE _{Lab}	45.57, 50.92, -49.07
CIE _{LCh}	46, 70.714, 316.059
Yxy	14.9550, 0.2676, 0.1663
Android (android.graphics.Color)	4287908543 (0xFF944ABF)
YUV	109.4640, 40.1972, 33.7961
Hunter-Lab	38.6718, 43.4052, -50.9806

Details

The Hex color **944ABF** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **75BF4A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **CD7EF8**, and **5D1389** is the 20% darker color. If you saturate the color by 10%, you get **8D37BF**, and if you desaturate by 10%, it is **9B5DBF**.

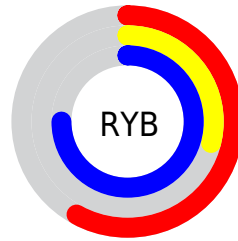
Distribution



Red (58%)

Green (29%)

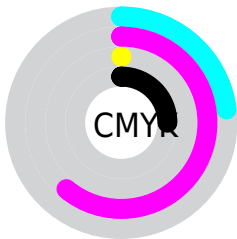
Blue (75%)



Red (58%)

Yellow (29%)

Blue (75%)

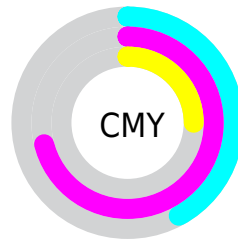


Cyan (23%)

Magenta (61%)

Yellow (0%)

Black (25%)



Cyan (42%)

Magenta (71%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 944ABF 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 944ABF by changing the saturation by 10% instead.

944ABF

944ABF

FFFFFF

7830A3

CD7EF8

5D1389

EA9AFF

42006F

FFB5FF

270056

FFD1FF

09003E

FFEEFF

000327

000110

000000

944ABF

944ABF

8D37BF

9B5DBF

8624BF

A270BF

7F11BF

A983BF

7900BF

B096BF

B7AABF

BEBDBF

C5D0BF

CCE3BF

D3F6BF

Harmonies

Analogous

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



0069DF



944ABF



C6238A

Triad

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



944ABF



9A5F00



00858B

Complementary

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



944ABF



75BF4A

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.



00834D



944ABF



667300

Square

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



944ABF



C04114



027E01



0083C1

Rectangle

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



944ABF



D11463



027E01



008577

Sweetspot

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



944ABF



E7CBF7



4A77BF



73617D



FCFCFC



7D7D7D

Same Dimension

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



944ABF



B440F7



BF4AB1



5B555E



64009E



13001F

Inverse Universe

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



BF4A75



F74084



4ABF58



5E5558



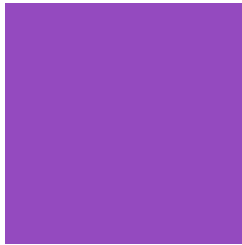
9E003A



1F000B

Previews

White Background



This preview shows how the Hex color 944ABF 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

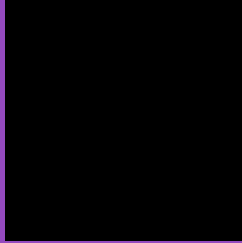
Any Text WCAG AA × Fail

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 944ABF Background



This preview shows how black text looks on a background with the Hex color 944ABF.

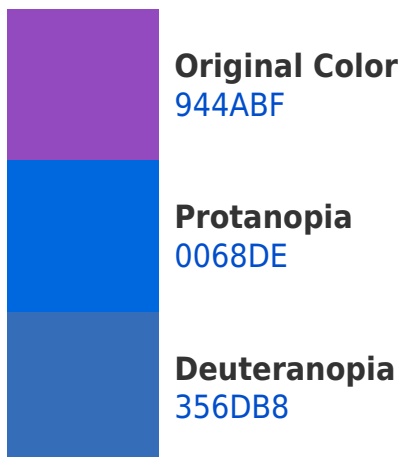



This preview shows how white text looks on a background with the Hex color 944ABF.

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](#).

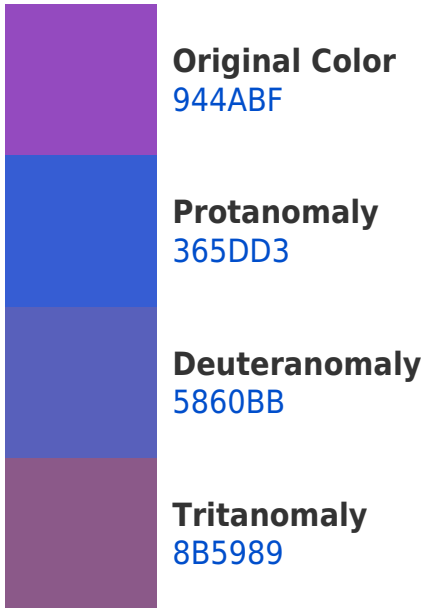
Dichromacy



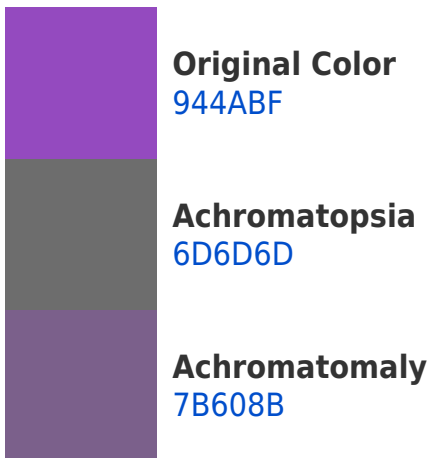


Tritanopia
86626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 944ABF 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 #944ABF looks like.

```
.text, #text, p{  
    color:#944ABF  
}
```

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 #944ABF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944ABF
}
```

Border

The CSS property to change the border of an element to Hex 944ABF is called "border". The border property can be set on classes, ids or directly on the HTML element.

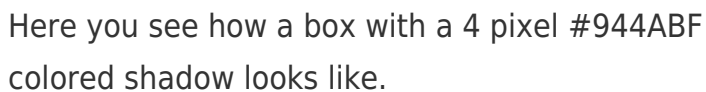
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944ABF }
```

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

```
.border{ border-color:#944ABF }
```

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



Here you see how a box with a 4 pixel #944ABF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944ABF; -webkit-box-shadow:4px 4px  
4px 4px #944ABF; box-shadow:4px 4px 4px  
4px #944ABF }
```

Background

The CSS property to change the background color of an element to Hex 944ABF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944ABF }
```

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

```
.background{ background-color:#944ABF }
```

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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