

Converting Colors

Hex(944FC0)

Have a look what the booklet for
Hex(944FC0) contains.

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Color

Hex(944FC0)

Conversions

Conversions Part 1

Format	Color
Hex	944FC0
RGB	148, 79, 192
RGB Percent	58%, 31%, 75%
CMY	0.4196, 0.6902, 0.2471
CMYK	0.23, 0.59, 0.00, 0.25
HSL	277°, 47%, 53%
HSV	277°, 59%, 75%
XYZ	24.5232, 15.6936, 51.6058
YIQ	112.5130, 4.8510, 49.7710

Conversions

Conversions Part 2

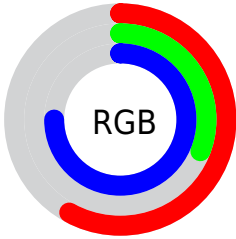
Format	Color
R_{YB}	148, 79, 192
Decimal	9719744
CIE _{Lab}	46.57, 48.61, -48.06
CIE _{LCh}	47, 68.355, 315.329
Yxy	15.6936, 0.2671, 0.1709
Android (android.graphics.Color)	4287909824 (0xFF944FC0)
YUV	112.5130, 39.1871, 31.1221
Hunter-Lab	39.6152, 41.1710, -49.5051

Details

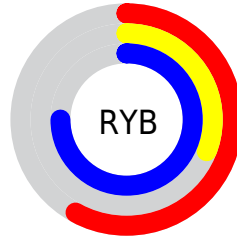
The Hex color **944FC0** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **7BC04F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **CD83F9**, and **5D1B8A** is the 20% darker color. If you saturate the color by 10%, you get **8D3CC0**, and if you desaturate by 10%, it is **9B62C0**.

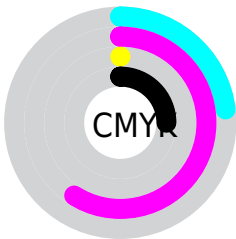
Distribution



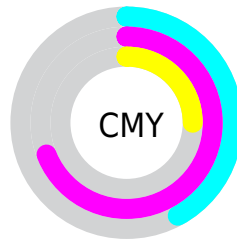
- Red (58%)
- Green (31%)
- Blue (75%)



- Red (58%)
- Yellow (31%)
- Blue (75%)



- Cyan (23%)
- Magenta (59%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (69%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 944FC0 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 944FC0 by changing the saturation by 10% instead.

944FC0

944FC0

FFFFFF

7835A4

CD83F9

5D1B8A

EA9EFF

430070

FFBAFF

270057

FFD6FF

0C003F

FFF3FF

000328

000111

000000

944FC0

944FC0

8D3CC0

9B62C0

8529C0

A375C0

7E15C0

AA89C0

7602C0

B29CC0

7500C0

B9AFC0

C1C2C0

C8D5C0

D0E9C0

D7FCC0

Harmonies

Analogous

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



006BDE



944FC0



C52D8D

Triad

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



944FC0



9D6100



00878B

Complementary

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



944FC0



7BC04F

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.



00854F



944FC0



6B7500

Square

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



944FC0



C1451C



1A800B



0085BF

Rectangle

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



944FC0



D12367



1A800B



008777

Sweetspot

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



944FC0



E8CDFA



4F7CC0



72617D



FCFCFC



7D7D7D

Same Dimension

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



944FC0



B548FA



C04FB5



5D5761



6200A1



140021

Inverse Universe

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



C04F7B



FA488E



4FC05A



61575B



A1003F



21000D

Previews

White Background



This preview shows how the Hex color 944FC0 looks on a white background.

Color Contrast Check

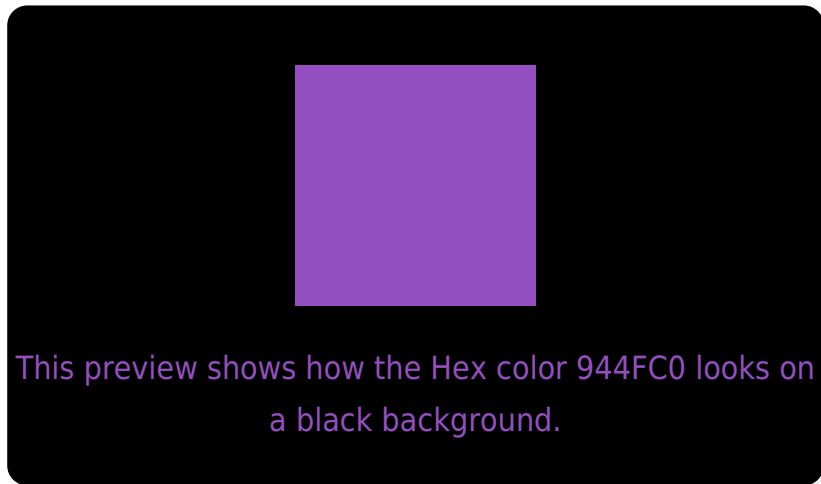
Large Text (above 18pt) WCAG AA ✓ Pass

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

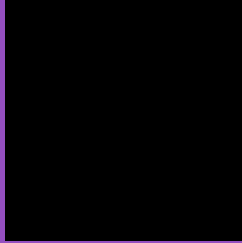
Any Text WCAG AA × Fail

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 944FC0 Background



This preview shows how black text looks on a background with the Hex color 944FC0.

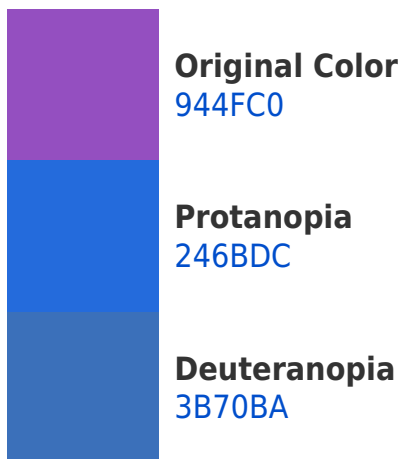



This preview shows how white text looks on a background with the Hex color 944FC0.

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](#).

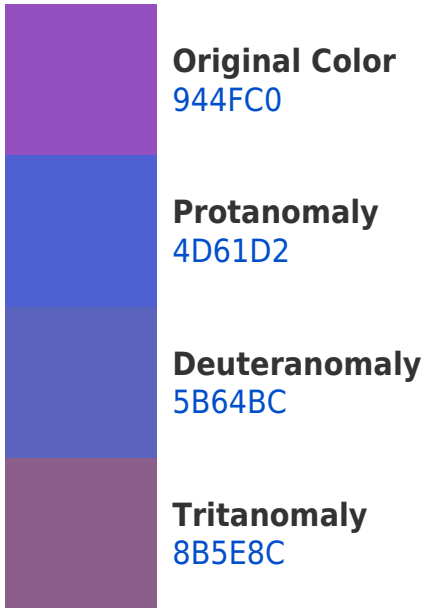
Dichromacy



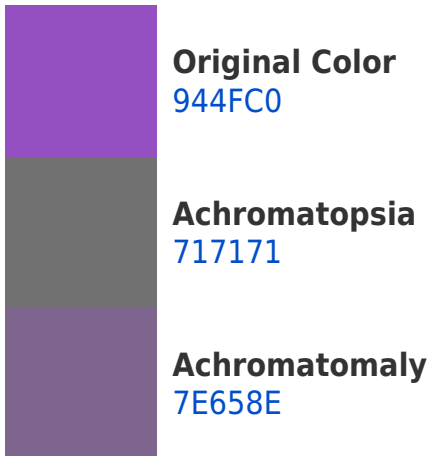


Tritanopia
86666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 944FC0 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 #944FC0 looks like.

```
.text, #text, p{  
    color:#944FC0  
}
```

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 #944FC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944FC0
}
```

Border

The CSS property to change the border of an element to Hex 944FC0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

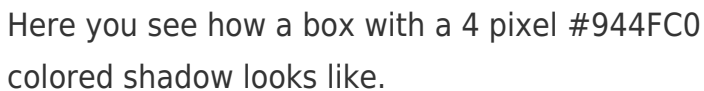
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944FC0 }
```

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

```
.border{ border-color:#944FC0 }
```

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



Here you see how a box with a 4 pixel #944FC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944FC0; -webkit-box-shadow:4px 4px  
4px 4px #944FC0; box-shadow:4px 4px 4px  
4px #944FC0 }
```

Background

The CSS property to change the background color of an element to Hex 944FC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944FC0 }
```

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

```
.background{ background-color:#944FC0 }
```

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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