

Converting Colors

Hex(9929F0)

Have a look what the booklet for
Hex(9929F0) contains.

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Color

Hex(9929F0)

Conversions

Conversions Part 1

Format	Color
Hex	9929F0
RGB	153, 41, 240
RGB Percent	60%, 16%, 94%
CMY	0.4000, 0.8392, 0.0588
CMYK	0.36, 0.83, 0.00, 0.06
HSL	274°, 87%, 55%
HSV	274°, 83%, 94%
XYZ	29.6580, 14.6495, 83.7026
YIQ	97.1740, 2.8730, 85.6330

Conversions

Conversions Part 2

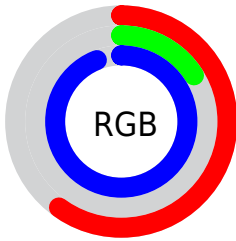
Format	Color
R _{YB}	153, 41, 240
Decimal	10037744
CIE Lab	45.15, 75.56, -77.78
CIE LCh	45, 108.437, 314.168
Yxy	14.6495, 0.2317, 0.1144
Android (android.graphics.Color)	4288227824 (0xFF9929F0)
YUV	97.1740, 70.4132, 48.9594
Hunter-Lab	38.2746, 71.3344, -102.8688

Details

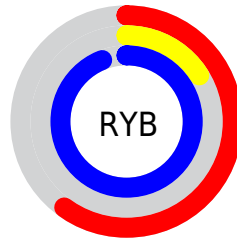
The Hex color **9929F0** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **80F029**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D666FF**, and **5C00B7** is the 20% darker color. If you saturate the color by 10%, you get **8F11F0**, and if you desaturate by 10%, it is **A341F0**.

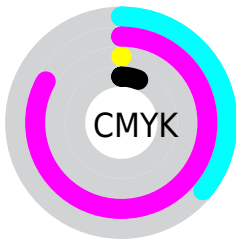
Distribution



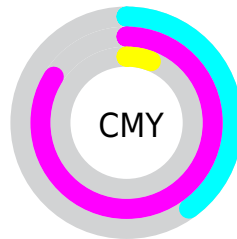
- Red (60%)
- Green (16%)
- Blue (94%)



- Red (60%)
- Yellow (16%)
- Blue (94%)



- Cyan (36%)
- Magenta (83%)
- Yellow (0%)
- Black (6%)



- Cyan (40%)
- Magenta (84%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9929F0 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 9929F0 by changing the saturation by 10% instead.

 9929F0

 9929F0

FFFFFF

 7B00D3

 D666FF

 5C00B7

 F483FF

 3B009B

 FF9FFF

 0E0080

 FFBCFF

 000066

 FFD9FF

 00004C

 FFF7FF

 000535

 00021F

 000001

 9929F0

 9929F0

 8F11F0

 A341F0

 8700F0

 AE59F0

 B871F0

 C389F0

 CDA1F0

 D8B9F0

 E2D1F0

 EDE9F0

 F7FFF0

Harmonies

Analogous

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



006BFF



9929F0



EC009F

Triad

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



9929F0



A95400



008B95

Complementary

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



9929F0



80F029

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.



008834



9929F0



5A7500

Square

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



9929F0



E10000



008300



008CEA

Rectangle

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



9929F0



FC0063



008300



008A76

Sweetspot

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



9929F0



E3BFFF



2983F0



6F5980



000000



808080

Same Dimension

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



9929F0



9000FF



F029E6



736C78



6700B8



200038

Inverse Universe

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



F02980



FF006F



29F033



786C71



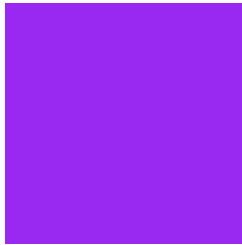
B80050



380019

Previews

White Background



This preview shows how the Hex color 9929F0 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

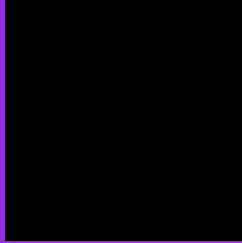
Any Text WCAG AA × Fail

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 9929F0 Background



This preview shows how black text looks on a background with the Hex color 9929F0.

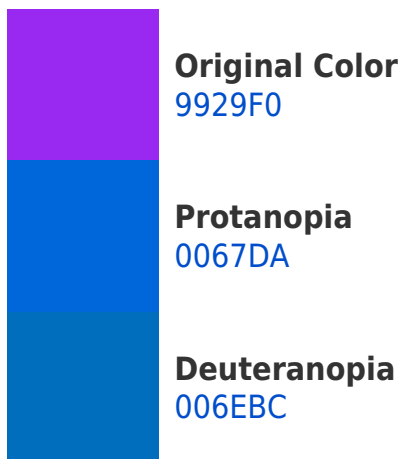


This preview shows how white text looks on a background with the Hex color 9929F0.

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
7F636B

Trichromacy



Original Color
9929F0



Protanomaly
3850E2



Deuteranomaly
3855CF



Tritanomaly
884E9B

Monochromacy



Original Color
9929F0



Achromatopsia
616161



Achromatomaly
754D95

CSS Examples

Text

The CSS property to change the color of the text to Hex 9929F0 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 #9929F0 looks like.

```
.text, #text, p{  
    color:#9929F0  
}
```

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 #9929F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9929F0
}
```

Border

The CSS property to change the border of an element to Hex 9929F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

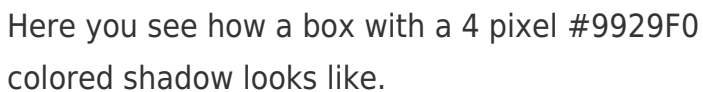
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9929F0 }
```

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

```
.border{ border-color:#9929F0 }
```

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



Here you see how a box with a 4 pixel #9929F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9929F0; -webkit-box-shadow:4px 4px  
4px 4px #9929F0; box-shadow:4px 4px 4px  
4px #9929F0 }
```

Background

The CSS property to change the background color of an element to Hex 9929F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9929F0 }
```

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

```
.background{ background-color:#9929F0 }
```

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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