

Converting Colors

Hex(9930C2)

Have a look what the booklet for
Hex(9930C2) contains.

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Color

Hex(9930C2)

Conversions

Conversions Part 1

Format	Color
Hex	9930C2
RGB	153, 48, 194
RGB Percent	60%, 19%, 76%
CMY	0.4000, 0.8118, 0.2392
CMYK	0.21, 0.75, 0.00, 0.24
HSL	283°, 60%, 47%
HSV	283°, 75%, 76%
XYZ	23.9314, 12.7813, 52.2446
YIQ	96.0390, 15.7140, 67.6660

Conversions

Conversions Part 2

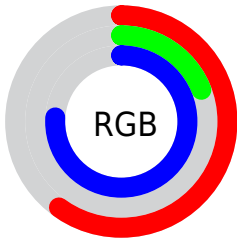
Format	Color
R_{YB}	153, 48, 194
Decimal	10039490
CIE _{Lab}	42.43, 63.87, -55.83
CIE _{LCh}	42, 84.830, 318.841
Y _{xy}	12.7813, 0.2690, 0.1437
Android (android.graphics.Color)	4288229570 (0xFF9930C2)
YUV	96.0390, 48.2948, 49.9548
Hunter-Lab	35.7509, 56.9228, -61.6180

Details

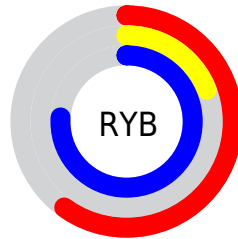
The Hex color **9930C2** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **59C230**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D369FB**, and **61008B** is the 20% darker color. If you saturate the color by 10%, you get **941DC2**, and if you desaturate by 10%, it is **9E43C2**.

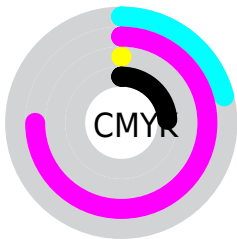
Distribution



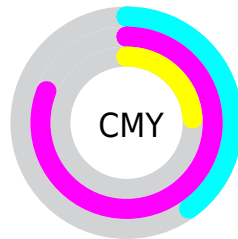
- Red (60%)
- Green (19%)
- Blue (76%)



- Red (60%)
- Yellow (19%)
- Blue (76%)



- Cyan (21%)
- Magenta (75%)
- Yellow (0%)
- Black (24%)



- Cyan (40%)
- Magenta (81%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9930C2 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 9930C2 by changing the saturation by 10% instead.

9930C2

9930C2

FFFFFF

7D08A6

D369FB

61008B

F185FF

450071

FFA0FF

2A0058

FFBDFE

040040

FFDAFF

000328

FFF7FF

000112

000000

9930C2

9930C2

■ 941DC2

■ 9E43C2

■ 8E09C2

■ A457C2

■ 8C00C2

■ A96AC2

■ AF7EC2

■ B491C2

■ BAA4C2

■ BFB8C2

■ C5CBC2

■ CADFC2

Harmonies

Analogous

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



005EEC



9930C2



CF0081

Triad

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



9930C2



905800



008090

Complementary

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



9930C2



59C230

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.



007E47



9930C2



516E00

Square

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



9930C2



BF2C00



007900



007ECE

Rectangle

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



9930C2



D80053



007900



007F78

Sweetspot

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



9930C2



ECC2FC



3059C2



755C80



000000



808080

Same Dimension

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



9930C2



BD19FC



C230A2



5E5761



7400A1



180021

Inverse Universe

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



C23059



FC1959



30C250



61575A



A1002D



210009

Previews

White Background



This preview shows how the Hex color 9930C2 looks on a white background.

Color Contrast Check

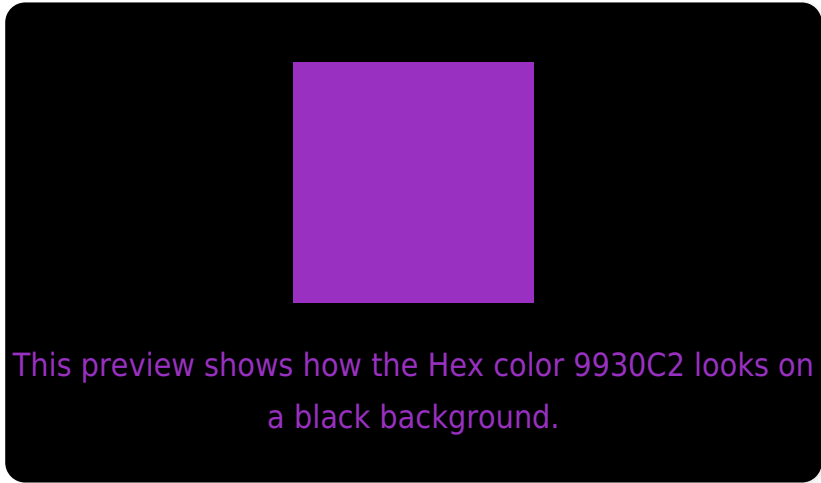
Large Text (above 18pt) WCAG AA ✓ Pass

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

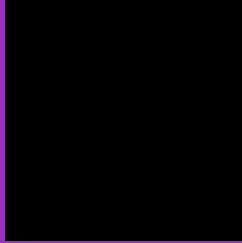
Any Text WCAG AA × Fail

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 9930C2 Background



This preview shows how black text looks on a background with the Hex color 9930C2.

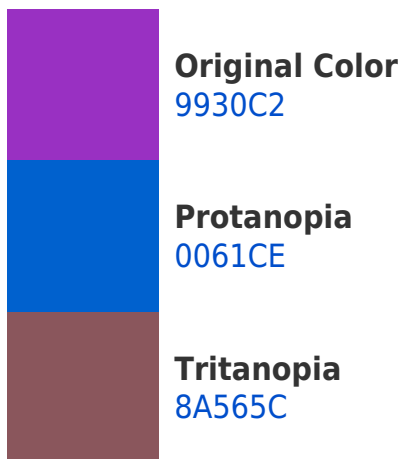


This preview shows how white text looks on a background with the Hex color 9930C2.

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



Original Color
9930C2



Protanomaly
384FCA

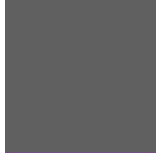


Tritanomaly
8F4881

Monochromacy



Original Color
9930C2



Achromatopsia
606060



Achromatomaly
754F84

CSS Examples

Text

The CSS property to change the color of the text to Hex 9930C2 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 #9930C2 looks like.

```
.text, #text, p{  
  color:#9930C2  
}
```

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 #9930C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9930C2
}
```

Border

The CSS property to change the border of an element to Hex 9930C2 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
#9930C2 }
```

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

```
.border{ border-color:#9930C2 }
```

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

Here you see how a box with a 4 pixel #9930C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9930C2; -webkit-box-shadow:4px 4px  
4px 4px #9930C2; box-shadow:4px 4px 4px  
4px #9930C2 }
```

Background

The CSS property to change the background color of an element to Hex 9930C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9930C2 }
```

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

```
.background{ background-color:#9930C2 }
```

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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