

Converting Colors

Hex(9305B0)

Have a look what the booklet for
Hex(9305B0) contains.

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Color

Hex(9305B0)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9305B0 |
| RGB | 147, 5, 176 |
| RGB Percent | 58%, 2%, 69% |
| CMY | 0.4235, 0.9804, 0.3098 |
| CMYK | 0.16, 0.97, 0.00, 0.31 |
| HSL | 290°, 94%, 35% |
| HSV | 290°, 97%, 69% |
| XYZ | 19.9234, 9.4462, 41.8475 |
| YIQ | 66.9520, 29.7410, 83.2850 |

Conversions

Conversions Part 2

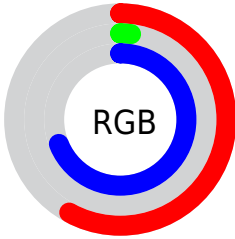
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 147, 5, 176 |
| Decimal | 9635248 |
| CIE _{Lab} | 36.83, 69.30, -54.33 |
| CIE _{LCh} | 37, 88.057, 321.907 |
| Yxy | 9.4462, 0.2798, 0.1326 |
| Android (android.graphics.Color) | 4287825328 (0xFF9305B0) |
| YUV | 66.9520, 53.7607, 70.2021 |
| Hunter-Lab | 30.7346, 61.9249, -59.2136 |

Details

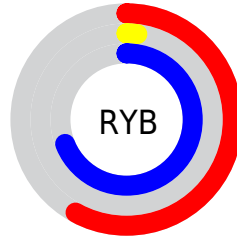
The Hex color **9305B0** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **22B005**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **CD51E8**, and **5A007A** is the 20% darker color. If you saturate the color by 10%, you get **9200B0**, and if you desaturate by 10%, it is **9617B0**.

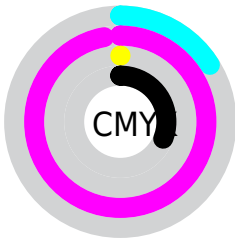
Distribution



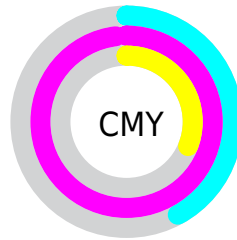
- Red (58%)
- Green (2%)
- Blue (69%)



- Red (58%)
- Yellow (2%)
- Blue (69%)



- Cyan (16%)
- Magenta (97%)
- Yellow (0%)
- Black (31%)



- Cyan (42%)
- Magenta (98%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9305B0 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 9305B0 by changing the saturation by 10% instead.

 9305B0

 9305B0

FFFFFF

 770095

 CD51E8

 5A007A

 EB6EFF

 3E0061

 FF8AFF

 240048

 FFA7FF

 000030

 FFC4FF

 00011A

 FFE1FF

 000000

 9305B0

 9305B0

 9200B0

 9617B0

 9928B0

 9C3AB0

 9F4BB0

 A25DB0

 A56FB0

 A880B0

 AB92B0

 AEA3B0

Harmonies

Analogous

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



004EDE



9305B0



C4006D

Triad

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



9305B0



7A4E00



00718A

Complementary

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



9305B0



22B005

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.



006F40



9305B0



366200

Square

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



9305B0



AB1C00



006B00



0070C8

Rectangle

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



9305B0



CA003F



006B00



007172

Sweetspot

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



9305B0



DAA3E6



0524B0



6C4B73



F2F2F2



737373

Same Dimension

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



9305B0



BF00E6



B0057A



585059



7F0099



15001A

Inverse Universe

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



B00522



E60027



05B03B



595052



99001A



1A0004

Previews

White Background



This preview shows how the Hex color 9305B0 looks on a white background.

Color Contrast Check

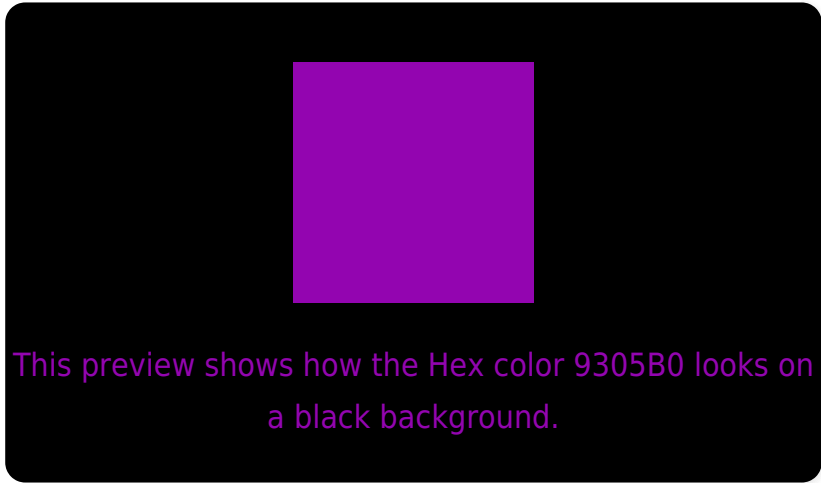
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

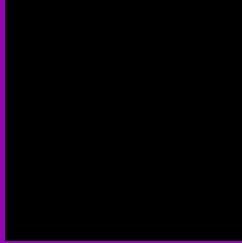
Any Text WCAG AA × Fail

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 9305B0 Background



This preview shows how black text looks on a background with the Hex color 9305B0.

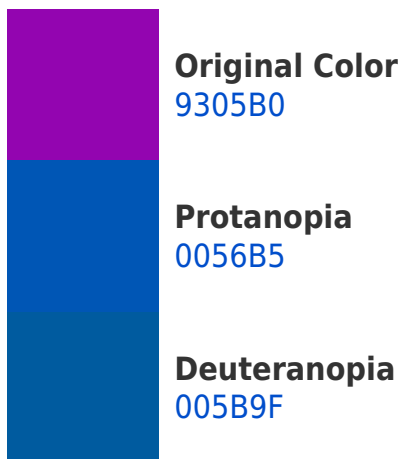



This preview shows how white text looks on a background with the Hex color 9305B0.

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
85454A

Trichromacy



Original Color
9305B0



Protanomaly
3539B3



Deuteranomaly
353CA5



Tritanomaly
8A2E6F

Monochromacy



Original Color
9305B0



Achromatopsia
434343



Achromatomaly
602C6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9305B0 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 #9305B0 looks like.

```
.text, #text, p{  
    color:#9305B0  
}
```

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 #9305B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9305B0
}
```

Border

The CSS property to change the border of an element to Hex 9305B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

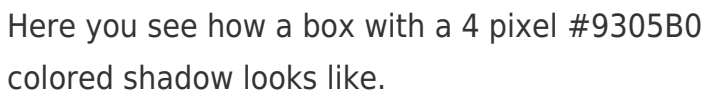
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9305B0 }
```

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

```
.border{ border-color:#9305B0 }
```

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



Here you see how a box with a 4 pixel #9305B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9305B0; -webkit-box-shadow:4px 4px  
4px 4px #9305B0; box-shadow:4px 4px 4px  
4px #9305B0 }
```

Background

The CSS property to change the background color of an element to Hex 9305B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9305B0 }
```

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

```
.background{ background-color:#9305B0 }
```

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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