

Converting Colors

Hex(9311B2)

Have a look what the booklet for
Hex(9311B2) contains.

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Color

Hex(9311B2)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9311B2 |
| RGB | 147, 17, 178 |
| RGB Percent | 58%, 7%, 70% |
| CMY | 0.4235, 0.9333, 0.3020 |
| CMYK | 0.17, 0.90, 0.00, 0.30 |
| HSL | 288°, 83%, 38% |
| HSV | 288°, 90%, 70% |
| XYZ | 20.2690, 9.8183, 42.9463 |
| YIQ | 74.2240, 25.7990, 77.6310 |

Conversions

Conversions Part 2

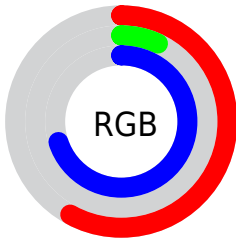
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 147, 17, 178 |
| Decimal | 9638322 |
| CIE _{Lab} | 37.51, 68.06, -54.41 |
| CIE _{LCh} | 38, 87.132, 321.360 |
| Yxy | 9.8183, 0.2775, 0.1344 |
| Android (android.graphics.Color) | 4287828402 (0xFF9311B2) |
| YUV | 74.2240, 51.1616, 63.8246 |
| Hunter-Lab | 31.3342, 60.6305, -59.3284 |

Details

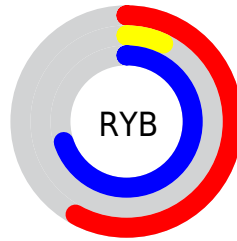
The Hex color **9311B2** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **30B211**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **CD55EB**, and **5B007C** is the 20% darker color. If you saturate the color by 10%, you get **9000B2**, and if you desaturate by 10%, it is **9623B2**.

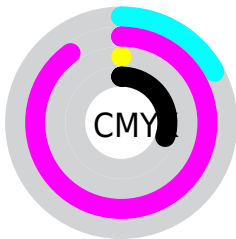
Distribution



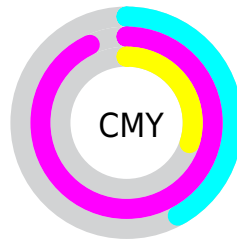
- Red (58%)
- Green (7%)
- Blue (70%)



- Red (58%)
- Yellow (7%)
- Blue (70%)



- Cyan (17%)
- Magenta (90%)
- Yellow (0%)
- Black (30%)



- Cyan (42%)
- Magenta (93%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9311B2 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 9311B2 by changing the saturation by 10% instead.

9311B2

9311B2

FFFFFF

770097

CD55EB

5B007C

EB71FF

3E0063

FF8EFF

24004A

FFAAFF

000032

FFC7FF

00021C

FFE4FF

000000

9311B2

9311B2

9000B2

9623B2

 9A35B2

 9D46B2

 A158B2

 A46AB2

 A87CB2

 AB8EB2

 AE9FB2

 B2B1B2

Harmonies

Analogous

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



0050DF



9311B2



C40070

Triad

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



9311B2



7D4F00



00738A

Complementary

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



9311B2



30B211

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.



007141



9311B2



3B6400

Square

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



9311B2



AD1F00



006D00



0072C8

Rectangle

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



9311B2



CB0042



006D00



007272

Sweetspot

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



9311B2



DCA9E8



1131B2



6E5075



F5F5F5



757575

Same Dimension

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



9311B2



BB00E8



B21182



585059



7C0099



15001A

Inverse Universe

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



B21130



E8002D



11B241



595052



99001D



1A0005

Previews

White Background



This preview shows how the Hex color 9311B2 looks on a white background.

Color Contrast Check

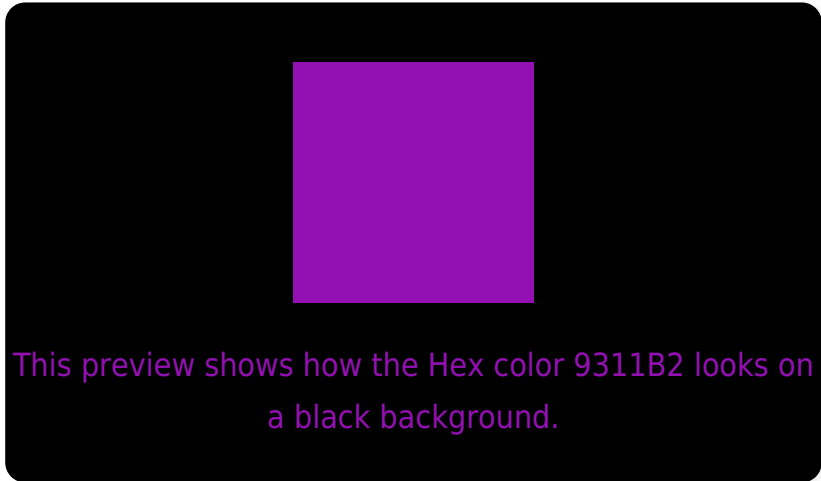
Large Text (above 18pt) WCAG AA ✓ Pass

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

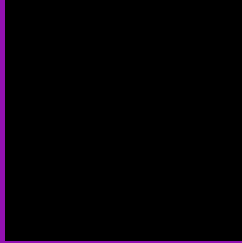
Any Text WCAG AA × Fail

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 9311B2 Background



This preview shows how black text looks on a background with the Hex color 9311B2.

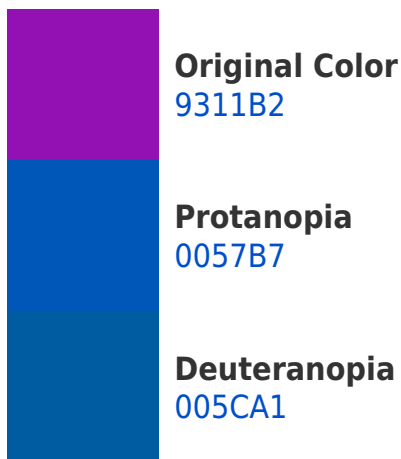



This preview shows how white text looks on a background with the Hex color 9311B2.

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
85474C

Trichromacy



Original Color
9311B2



Protanomaly
353EB5



Deuteranomaly
3541A7



Tritanomaly
8A3371

Monochromacy



Original Color
9311B2



Achromatopsia
4A4A4A



Achromatomaly
653570

CSS Examples

Text

The CSS property to change the color of the text to Hex 9311B2 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 #9311B2 looks like.

```
.text, #text, p{  
    color:#9311B2  
}
```

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 #9311B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9311B2
}
```

Border

The CSS property to change the border of an element to Hex 9311B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

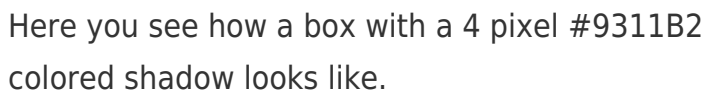
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9311B2 }
```

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

```
.border{ border-color:#9311B2 }
```

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



Here you see how a box with a 4 pixel #9311B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9311B2; -webkit-box-shadow:4px 4px  
4px 4px #9311B2; box-shadow:4px 4px 4px  
4px #9311B2 }
```

Background

The CSS property to change the background color of an element to Hex 9311B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9311B2 }
```

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

```
.background{ background-color:#9311B2 }
```

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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