

Converting Colors

Hex(9117B0)

Have a look what the booklet for
Hex(9117B0) contains.

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Color

Hex(9117B0)

Conversions

Conversions Part 1

Format	Color
Hex	9117B0
RGB	145, 23, 176
RGB Percent	57%, 9%, 69%
CMY	0.4314, 0.9098, 0.3098
CMYK	0.18, 0.87, 0.00, 0.31
HSL	288°, 77%, 39%
HSV	288°, 87%, 69%
XYZ	19.8199, 9.7671, 41.9149
YIQ	76.9200, 23.5990, 73.4470

Conversions

Conversions Part 2

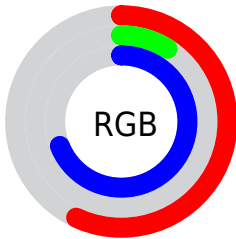
Format	Color
R_{YB}	145, 23, 176
Decimal	9508784
CIE _{Lab}	37.42, 66.24, -53.38
CIE _{LCh}	37, 85.071, 321.132
Yxy	9.7671, 0.2772, 0.1366
Android (android.graphics.Color)	4287698864 (0xFF9117B0)
YUV	76.9200, 48.8464, 59.7062
Hunter-Lab	31.2524, 58.5110, -57.6415

Details

The Hex color **9117B0** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **36B017**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **CB57E8**, and **59007A** is the 20% darker color. If you saturate the color by 10%, you get **8D05B0**, and if you desaturate by 10%, it is **9529B0**.

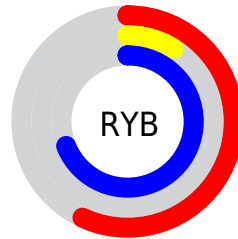
Distribution



Red (57%)

Green (9%)

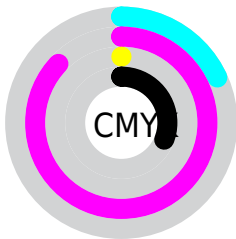
Blue (69%)



Red (57%)

Yellow (9%)

Blue (69%)

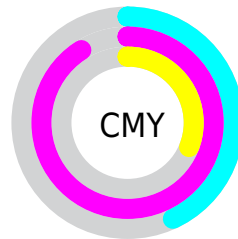


Cyan (18%)

Magenta (87%)

Yellow (0%)

Black (31%)



Cyan (43%)

Magenta (91%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9117B0 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 9117B0 by changing the saturation by 10% instead.

9117B0

9117B0

FFFFFF

750095

CB57E8

59007A

E873FF

3D0061

FF8FFF

230048

FFACFF

000031

FFC8FF

00011B

FFE6FF

000000

9117B0

9117B0

8D05B0

9529B0

8C00B0

983AB0

9C4CB0

9F5DB0

A36FB0

A681B0

AA92B0

AEA4B0

B1B5B0

Harmonies

Analogous

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



0050DC



9117B0



C10070

Triad

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



9117B0



7D4E00



007288

Complementary

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



9117B0



36B017

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.



007041



9117B0



3C6300

Square

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



9117B0



AC2100



006C00



0071C4

Rectangle

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



9117B0



C90043



006C00



007271

Sweetspot

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



9117B0



D9AAE6



1738B0



6C4F73



F2F2F2



737373

Same Dimension

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



9117B0



B700E6



B01785



575059



7A0099



14001A

Inverse Universe

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



B01736



E6002F



17B042



595052



99001F



1A0005

Previews

White Background



This preview shows how the Hex color 9117B0 looks on a white background.

Color Contrast Check

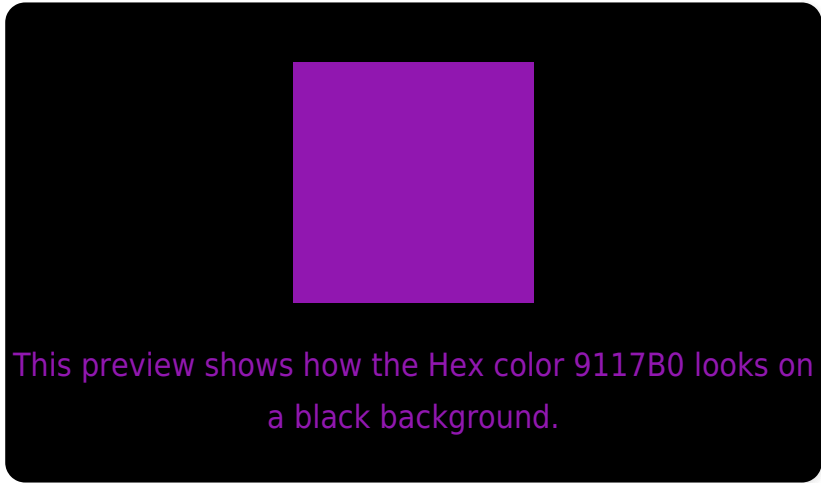
Large Text (above 18pt) WCAG AA ✓ Pass

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

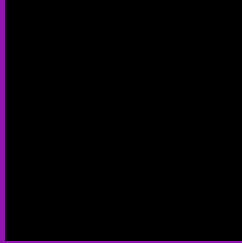
Any Text WCAG AA × Fail

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 9117B0 Background



This preview shows how black text looks on a background with the Hex color 9117B0.

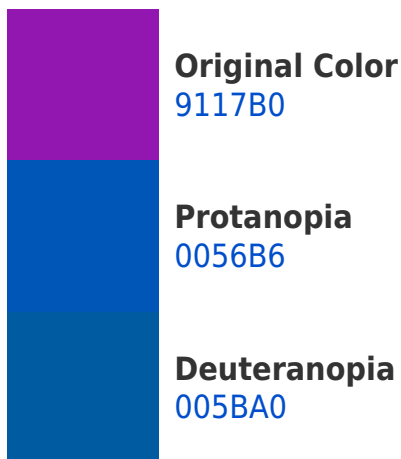


This preview shows how white text looks on a background with the Hex color 9117B0.

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
83474C

Trichromacy



Original Color
9117B0



Protanomaly
353FB4



Deuteranomaly
3542A6



Tritanomaly
883670

Monochromacy



Original Color
9117B0



Achromatopsia
4D4D4D



Achromatomaly
663971

CSS Examples

Text

The CSS property to change the color of the text to Hex 9117B0 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 #9117B0 looks like.

```
.text, #text, p{  
    color:#9117B0  
}
```

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 #9117B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9117B0
}
```

Border

The CSS property to change the border of an element to Hex 9117B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

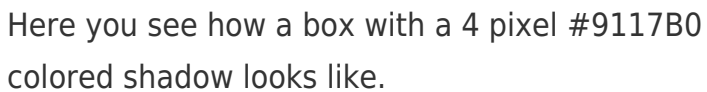
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9117B0 }
```

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

```
.border{ border-color:#9117B0 }
```

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



Here you see how a box with a 4 pixel #9117B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9117B0; -webkit-box-shadow:4px 4px  
4px 4px #9117B0; box-shadow:4px 4px 4px  
4px #9117B0 }
```

Background

The CSS property to change the background color of an element to Hex 9117B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9117B0 }
```

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

```
.background{ background-color:#9117B0 }
```

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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