

Converting Colors

Hex(9F17B5)

Have a look what the booklet for
Hex(9F17B5) contains.

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Color

Hex(9F17B5)

Conversions

Conversions Part 1

Format	Color
Hex	9F17B5
RGB	159, 23, 181
RGB Percent	62%, 9%, 71%
CMY	0.3765, 0.9098, 0.2902
CMYK	0.12, 0.87, 0.00, 0.29
HSL	292°, 77%, 40%
HSV	292°, 87%, 71%
XYZ	22.9450, 11.3199, 44.6917
YIQ	81.6760, 30.3380, 77.9700

Conversions

Conversions Part 2

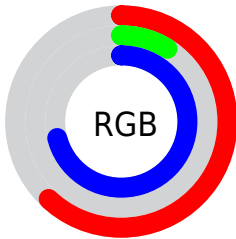
Format	Color
R_{YB}	159, 23, 181
Decimal	10426293
CIE _{Lab}	40.11, 69.46, -51.89
CIE _{LCh}	40, 86.698, 323.240
Yxy	11.3199, 0.2906, 0.1434
Android (android.graphics.Color)	4288616373 (0xFF9F17B5)
YUV	81.6760, 48.9667, 67.8131
Hunter-Lab	33.6451, 62.8529, -55.2050

Details

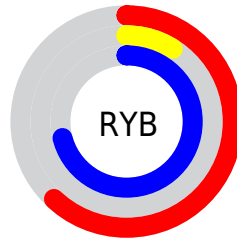
The Hex color **9F17B5** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **2DB517**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **D95AEE**, and **66007F** is the 20% darker color. If you saturate the color by 10%, you get **9C05B5**, and if you desaturate by 10%, it is **A229B5**.

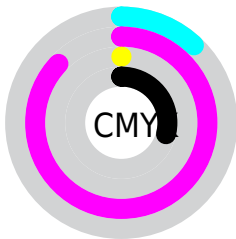
Distribution



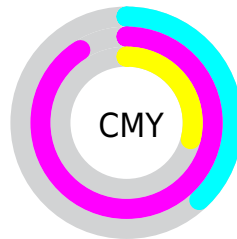
- Red (62%)
- Green (9%)
- Blue (71%)



- Red (62%)
- Yellow (9%)
- Blue (71%)



- Cyan (12%)
- Magenta (87%)
- Yellow (0%)
- Black (29%)



- Cyan (38%)
- Magenta (91%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F17B5 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 9F17B5 by changing the saturation by 10% instead.

9F17B5

9F17B5

FFFFFF

82009A

D95AEE

66007F

F776FF

4A0065

FF93FF

32004D

FFB0FF

0F0035

FFCDFF

00021E

FFEAFF

000001

000000

9F17B5

9F17B5

■ 9C05B5

■ A229B5

■ 9C00B5

■ A43BB5

■ A74DB5

■ A95FB5

■ AC72B5

■ AE84B5

■ B196B5

■ B3A8B5

■ B6BAB5

Harmonies

Analogous

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



0054E4



9F17B5



CD0072

Triad

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



9F17B5



815700



007A95

Complementary

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



9F17B5



2DB517

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.



00784C



9F17B5



3D6B00

Square

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



9F17B5



B32C00



007400



0078D1

Rectangle

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



9F17B5



D30044



007400



00797D

Sweetspot

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



9F17B5



E2AEEB



172FB5



705175



F5F5F5



757575

Same Dimension

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



9F17B5



CA00EB



B5177E



585059



840099



16001A

Inverse Universe

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



B5172D



EB0021



17B54E



595052



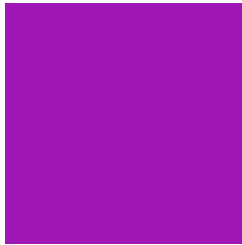
990015



1A0004

Previews

White Background



This preview shows how the Hex color 9F17B5 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

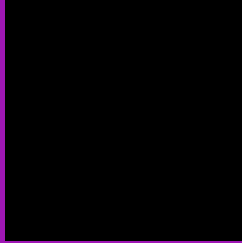
Any Text WCAG AA × Fail

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 9F17B5 Background



This preview shows how black text looks on a background with the Hex color 9F17B5.



This preview shows how white text looks on a background with the Hex color 9F17B5.

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



Original Color
9F17B5

Protanopia
005DC3

Deuteranopia
1961AB



Tritanopia
92494E

Trichromacy



Original Color
9F17B5



Protanomaly
3A44BE



Deuteranomaly
4A46AF



Tritanomaly
973773

Monochromacy



Original Color
9F17B5



Achromatopsia
525252



Achromatomaly
6E3D76

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F17B5 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 #9F17B5 looks like.

```
.text, #text, p{  
    color:#9F17B5  
}
```

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 #9F17B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F17B5
}
```

Border

The CSS property to change the border of an element to Hex 9F17B5 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".

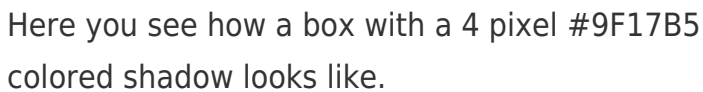
```
.border, #border, table{ border:4px solid
#9F17B5 }
```

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

```
.border{ border-color:#9F17B5 }
```

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

Here you see how a box with a 4 pixel #9F17B5 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F17B5; -webkit-box-shadow:4px 4px  
4px 4px #9F17B5; box-shadow:4px 4px 4px  
4px #9F17B5 }
```

Background

The CSS property to change the background color of an element to Hex 9F17B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F17B5 }
```

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

```
.background{ background-color:#9F17B5 }
```

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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