

Converting Colors

Hex(9A107E)

Have a look what the booklet for
Hex(9A107E) contains.

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Color

Hex(9A107E)

Conversions

Conversions Part 1

Format	Color
Hex	9A107E
RGB	154, 16, 126
RGB Percent	60%, 6%, 49%
CMY	0.3961, 0.9373, 0.5059
CMYK	0.00, 0.90, 0.18, 0.40
HSL	312°, 81%, 33%
HSV	312°, 90%, 60%
XYZ	17.2776, 8.7470, 20.5164
YIQ	69.8020, 46.9380, 63.4660

Conversions

Conversions Part 2

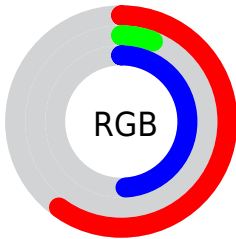
Format	Color
RYB	154, 16, 126
Decimal	10096766
CIELab	35.49, 61.29, -25.88
CIElCh	35, 66.528, 337.108
Yxy	8.7470, 0.3712, 0.1879
Android (android.graphics.Color)	4288286846 (0xFF9A107E)
YUV	69.8020, 27.7056, 73.8416
Hunter-Lab	29.5753, 52.5214, -20.4268

Details

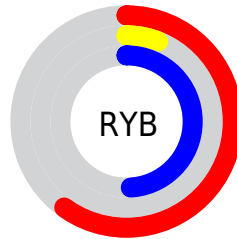
The Hex color **9A107E** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **109A2C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D453B3**, and **62004D** is the 20% darker color. If you saturate the color by 10%, you get **9A017B**, and if you desaturate by 10%, it is **9A1F81**.

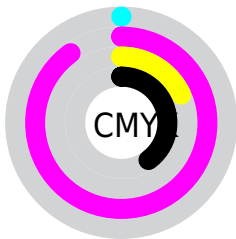
Distribution



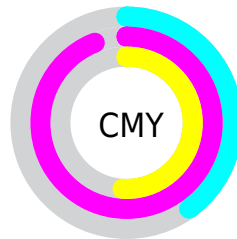
- Red (60%)
- Green (6%)
- Blue (49%)



- Red (60%)
- Yellow (6%)
- Blue (49%)



- Cyan (0%)
- Magenta (90%)
- Yellow (18%)
- Black (40%)



- Cyan (40%)
- Magenta (94%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A107E 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 9A107E by changing the saturation by 10% instead.

 9A107E

 9A107E

FFFFFF

 7E0065

 D453B3

 62004D

 F26FCF

 470035

 FF8BEB

 2E0020

 FFA7FF

 000002

 FFC4FF

 000000

 FFE1FF

 9A107E

 9A107E

 9A017B

 9A1F81

■ 9A007B

■ 9A2F84

■ 9A3E87

■ 9A4E8A

■ 9A5D8E

■ 9A6C91

■ 9A7C94

■ 9A8B97

■ 9A9B9A

Harmonies

Analogous

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



5F3EAA



9A107E



AD0049

Triad

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



9A107E



5C5600



006993

Complementary

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



9A107E



109A2C

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.



00695F



9A107E



1B6100

Square

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



9A107E



874000



006726



0064B7

Rectangle

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



9A107E



AA0527



006726



006983

Sweetspot

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



9A107E



C993BE



2C109A



66455F



E6E6E6



666666

Same Dimension

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



9A107E



C900A1



9A1039



4D454B



8C0070



0D000A

Inverse Universe

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



9A107E



C900A1



109A71



4D454B



8C0070



0D000A

Previews

White Background



This preview shows how the Hex color 9A107E looks on a white background.

Color Contrast Check

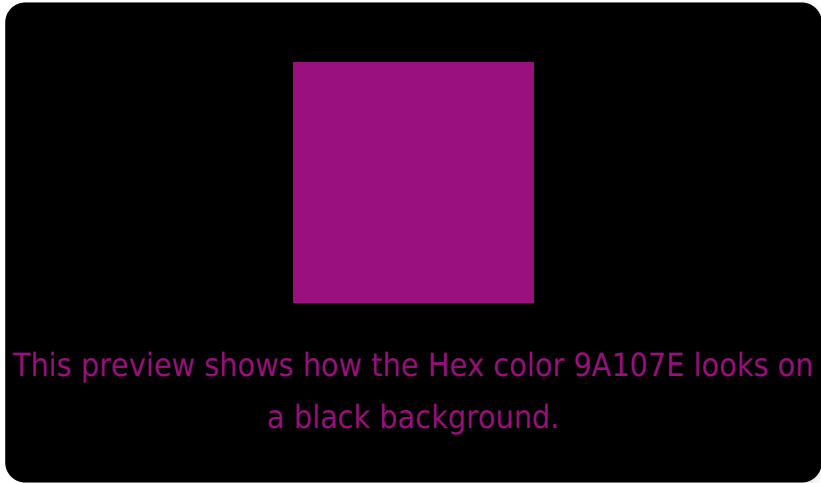
Large Text (above 18pt) WCAG AA ✓ Pass

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

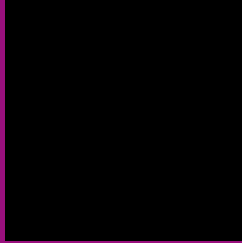
Any Text WCAG AA × Fail

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 9A107E Background



This preview shows how black text looks on a background with the Hex color 9A107E.




This preview shows how white text looks on a background with the Hex color 9A107E.

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
943336

Trichromacy



Original Color
9A107E



Protanomaly
383A9D



Deuteranomaly
683B79



Tritanomaly
962650

Monochromacy



Original Color
9A107E



Achromatopsia
464646



Achromatomaly
65325A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A107E 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 #9A107E looks like.

```
.text, #text, p{  
    color:#9A107E  
}
```

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 #9A107E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A107E
}
```

Border

The CSS property to change the border of an element to Hex 9A107E 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
#9A107E }
```

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

```
.border{ border-color:#9A107E }
```

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

Here you see how a box with a 4 pixel #9A107E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A107E; -webkit-box-shadow:4px 4px  
4px 4px #9A107E; box-shadow:4px 4px 4px  
4px #9A107E }
```

Background

The CSS property to change the background color of an element to Hex 9A107E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A107E }
```

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

```
.background{ background-color:#9A107E }
```

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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