

Converting Colors

Hex(9E06AA)

Have a look what the booklet for
Hex(9E06AA) contains.

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Color

Hex(9E06AA)

Conversions

Conversions Part 1

Format	Color
Hex	9E06AA
RGB	158, 6, 170
RGB Percent	62%, 2%, 67%
CMY	0.3804, 0.9765, 0.3333
CMYK	0.07, 0.96, 0.00, 0.33
HSL	296°, 93%, 35%
HSV	296°, 96%, 67%
XYZ	21.4214, 10.3016, 38.8896
YIQ	70.1440, 37.9480, 83.2280

Conversions

Conversions Part 2

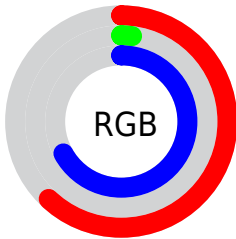
Format	Color
RYB	158, 6, 170
Decimal	10356394
CIELab	38.38, 69.89, -48.15
CIELCh	38, 84.868, 325.438
Yxy	10.3016, 0.3034, 0.1459
Android (android.graphics.Color)	4288546474 (0xFF9E06AA)
YUV	70.1440, 49.2290, 77.0497
Hunter-Lab	32.0962, 62.9649, -49.3720

Details

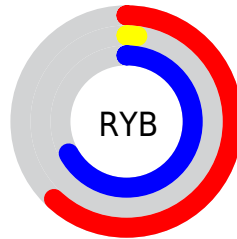
The Hex color **9E06AA** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **12AA06**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D853E2**, and **650075** is the 20% darker color. If you saturate the color by 10%, you get **9E00AA**, and if you desaturate by 10%, it is **9F17AA**.

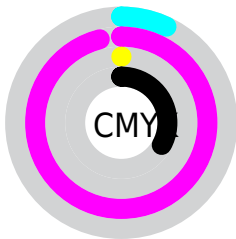
Distribution



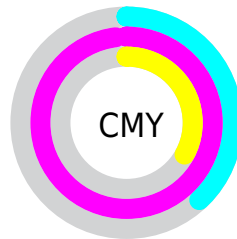
- Red (62%)
- Green (2%)
- Blue (67%)



- Red (62%)
- Yellow (2%)
- Blue (67%)



- Cyan (7%)
- Magenta (96%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (98%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E06AA 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 9E06AA by changing the saturation by 10% instead.

 9E06AA

 9E06AA

FFFFFF

 82008F

 D853E2

 650075

 F670FF

 4A005C

 FF8DFF

 310043

 FFA9FF

 0D002C

 FFC6FF

 000116

 FFE4FF

 000000

 9E06AA

 9E06AA

 9E00AA

 9F17AA

 A028AA

 A239AA

 A34AAA

 A45BAA

 A56CAA

 A77DAA

 A88EAA

 A99FAA

Harmonies

Analogous

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



004DDA



9E06AA



C70068

Triad

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



9E06AA



785500



007594

Complementary

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



9E06AA



12AA06

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.



00734D



9E06AA



336700

Square

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



9E06AA



A92E00



007000



0073CD

Rectangle

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



9E06AA



CB003B



007000



00747E

Sweetspot

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



9E06AA



D99EDE



0614AA



6D4970



F0F0F0



707070

Same Dimension

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



9E06AA



CE00DE



AA0666



544C54



890094



130014

Inverse Universe

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



AA0612



DE0010



06AA4A



544C4C



94000B



140001

Previews

White Background



This preview shows how the Hex color 9E06AA looks on a white background.

Color Contrast Check

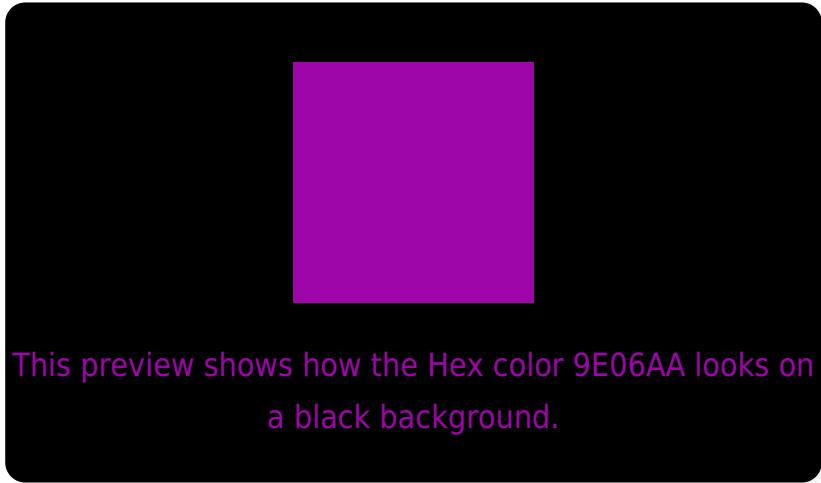
Large Text (above 18pt) WCAG AA ✓ Pass

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

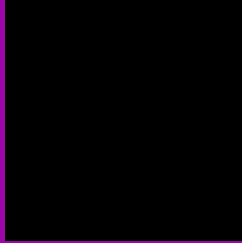
Any Text WCAG AA × Fail

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 9E06AA Background



This preview shows how black text looks on a background with the Hex color 9E06AA.

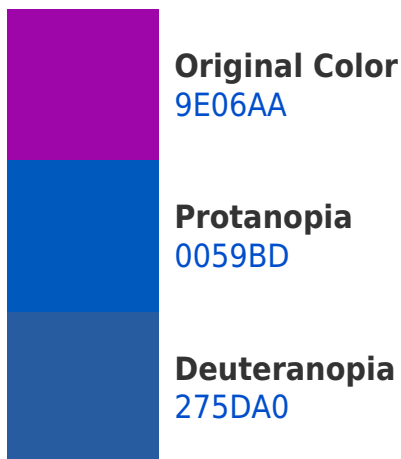



This preview shows how white text looks on a background with the Hex color 9E06AA.

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
924347

Trichromacy



Original Color
9E06AA



Protanomaly
393BB6



Deuteranomaly
523DA4



Tritanomaly
962D6B

Monochromacy



Original Color
9E06AA



Achromatopsia
464646



Achromatomaly
662F6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E06AA 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 #9E06AA looks like.

```
.text, #text, p{  
  color:#9E06AA  
}
```

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 #9E06AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E06AA
}
```

Border

The CSS property to change the border of an element to Hex 9E06AA 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
#9E06AA }
```

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

```
.border{ border-color:#9E06AA }
```

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

Here you see how a box with a 4 pixel #9E06AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E06AA; -webkit-box-shadow:4px 4px  
4px 4px #9E06AA; box-shadow:4px 4px 4px  
4px #9E06AA }
```

Background

The CSS property to change the background color of an element to Hex 9E06AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E06AA }
```

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

```
.background{ background-color:#9E06AA }
```

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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