

Converting Colors

Hex(9E0068)

Have a look what the booklet for
Hex(9E0068) contains.

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Color

Hex(9E0068)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9E0068 |
| RGB | 158, 0, 104 |
| RGB Percent | 62%, 0%, 41% |
| CMY | 0.3804, 1.0000, 0.5922 |
| CMYK | 0.00, 1.00, 0.34, 0.38 |
| HSL | 321°, 100%, 31% |
| HSV | 321°, 100%, 62% |
| XYZ | 16.5992, 8.2686, 13.8178 |
| YIQ | 59.0980, 60.7840, 65.8400 |

Conversions

Conversions Part 2

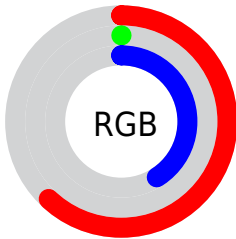
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 158, 0, 104 |
| Decimal | 10354792 |
| CIELab | 34.54, 61.65, -13.37 |
| CIELCh | 35, 63.088, 347.761 |
| Yxy | 8.2686, 0.4291, 0.2137 |
| Android (android.graphics.Color) | 4288544872 (0xFF9E0068) |
| YUV | 59.0980, 22.1367, 86.7371 |
| Hunter-Lab | 28.7551, 52.7198, -8.3623 |

Details

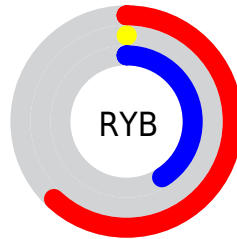
The Hex color **9E0068** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **009E36**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **D94E9B**, and **650039** is the 20% darker color. If you saturate the color by 10%, you get **9E0068**, and if you desaturate by 10%, it is **9E106D**.

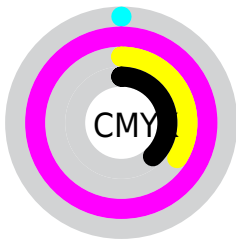
Distribution



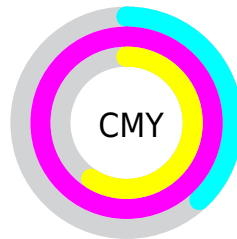
- Red (62%)
- Green (0%)
- Blue (41%)



- Red (62%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (38%)



- Cyan (38%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E0068 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 9E0068 by changing the saturation by 10% instead.

 9E0068

 9E0068

FFFFFF

 810050

 D94E9B

 650039

 F76AB6

 4A0023

 FF86D2

 2F000B

 FFA3EE

 000000

 FFBFFF

 FFDCCF

 FFFAFF

 9E0068

 9E106D

 9E2073

 9E2F78

 9E3F7E

 9E4F83

 9E5F88

 9E6F8E

 9E7E93

 9E8E99

Harmonies

Analogous

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



763196



9E0068



A60036

Triad

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



9E0068



495800



00659C

Complementary

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



9E0068



009E36

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.



00666F



9E0068



006100

Square

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



9E0068



754800



00653A



005EB5

Rectangle

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



9E0068



9D2015



00653A



00658E

Sweetspot

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



9E0068



CF91B9



35009E



69435C



E8E8E8



696969

Same Dimension

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



9E0068



CF0088



9E001A



4F474C



8F005E



0F000A

Inverse Universe

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



9E0068



CF0088



009E84



4F474C



8F005E



0F000A

Previews

White Background



This preview shows how the Hex color 9E0068 looks on a white background.

Color Contrast Check

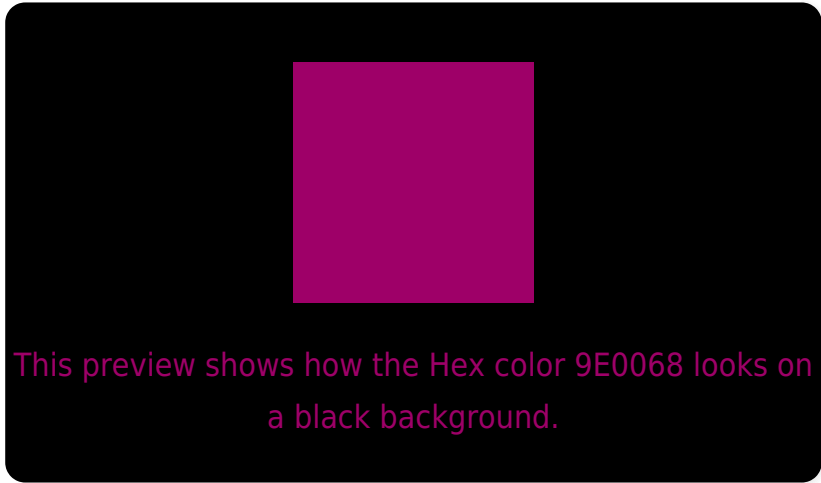
Large Text (above 18pt) WCAG AA ✓ Pass

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

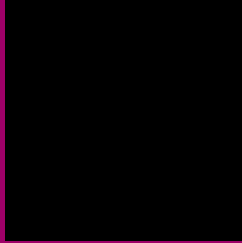
Any Text WCAG AA × Fail

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 9E0068 Background



This preview shows how black text looks on a background with the Hex color 9E0068.



This preview shows how white text looks on a background with the Hex color 9E0068.

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
9A292B

Trichromacy



Original Color
9E0068



Protanomaly
5C3485



Deuteranomaly
703464



Tritanomaly
9B1A41

Monochromacy



Original Color
9E0068



Achromatopsia
3B3B3B



Achromatomaly
5F264B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E0068 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 #9E0068 looks like.

```
.text, #text, p{  
    color:#9E0068  
}
```

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 #9E0068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E0068
}
```

Border

The CSS property to change the border of an element to Hex 9E0068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

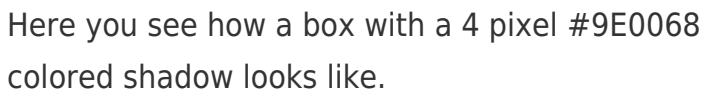
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E0068 }
```

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

```
.border{ border-color:#9E0068 }
```

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



Here you see how a box with a 4 pixel #9E0068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E0068; -webkit-box-shadow:4px 4px  
4px 4px #9E0068; box-shadow:4px 4px 4px  
4px #9E0068 }
```

Background

The CSS property to change the background color of an element to Hex 9E0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E0068 }
```

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

```
.background{ background-color:#9E0068 }
```

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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