

Converting Colors

Hex(9E236D)

Have a look what the booklet for
Hex(9E236D) contains.

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Color

Hex(9E236D)

Conversions

Conversions Part 1

Format	Color
Hex	9E236D
RGB	158, 35, 109
RGB Percent	62%, 14%, 43%
CMY	0.3804, 0.8627, 0.5725
CMYK	0.00, 0.78, 0.31, 0.38
HSL	324°, 64%, 38%
HSV	324°, 78%, 62%
XYZ	17.4619, 9.5753, 15.3959
YIQ	80.2130, 49.5540, 49.0900

Conversions

Conversions Part 2

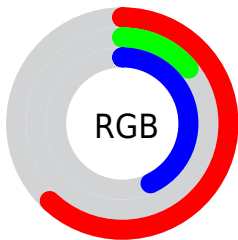
Format	Color
R_{YB}	158, 35, 109
Decimal	10363757
CIE _{Lab}	37.07, 55.50, -12.70
CIE _{LCh}	37, 56.929, 347.114
Yxy	9.5753, 0.4115, 0.2257
Android (android.graphics.Color)	4288553837 (0xFF9E236D)
YUV	80.2130, 14.1920, 68.2192
Hunter-Lab	30.9440, 46.5769, -7.8384

Details

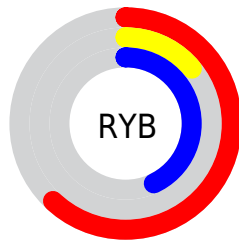
The Hex color **9E236D** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **239E54**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **D85DA1**, and **66003D** is the 20% darker color. If you saturate the color by 10%, you get **9E1367**, and if you desaturate by 10%, it is **9E3373**.

Distribution



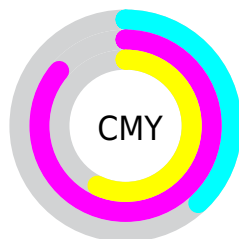
- Red (62%)
- Green (14%)
- Blue (43%)



- Red (62%)
- Yellow (14%)
- Blue (43%)



- Cyan (0%)
- Magenta (78%)
- Yellow (31%)
- Black (38%)



- Cyan (38%)
- Magenta (86%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E236D 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 9E236D by changing the saturation by 10% instead.

 9E236D

 9E236D

FFFFFF

 820055

 D85DA1

 66003D

 F678BC

 4B0028

 FF94D7

 320012

 FFB0F4

 000000

 FFCDFD

 FFEAFF

 9E236D

 9E236D

 9E1367

 9E3373

9E0360

9E437A

9E005F

9E5280

9E6286

9E728C

9E8293

9E9299

9EA19F

9EB1A6

Harmonies

Analogous

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



793D96



9E236D



A7203F

Triad

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



9E236D



525D00



00699A

Complementary

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



9E236D



239E54

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.



006B71



9E236D



0D660E

Square

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



9E236D



7B4E00



006A41



0062B1

Rectangle

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



9E236D



9F2F22



006A41



006A8E

Sweetspot

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



9E236D



CF9FBC



52239E



694B5D



E8E8E8



696969

Same Dimension

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



9E236D



CF0E82



9E2331



4F474C



8F0056



0F0009

Inverse Universe

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



9E236D



CF0E82



239E90



4F474C



8F0056



0F0009

Previews

White Background



This preview shows how the Hex color 9E236D looks on a white background.

Color Contrast Check

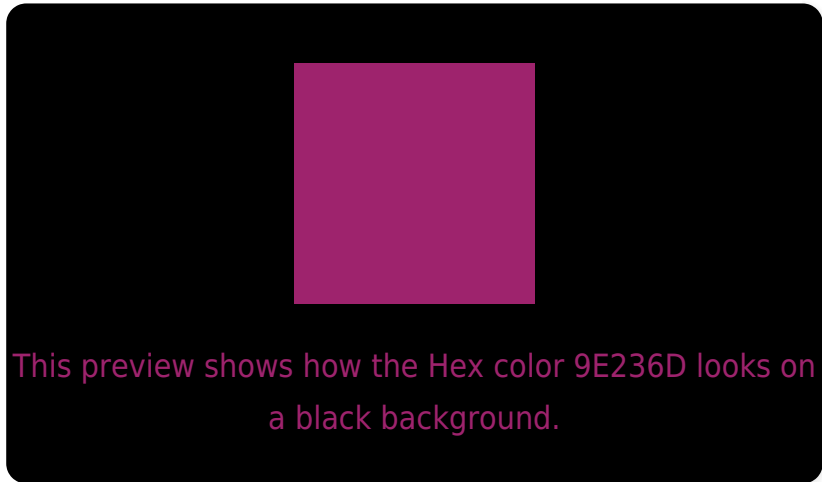
Large Text (above 18pt) WCAG AA ✓ Pass

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

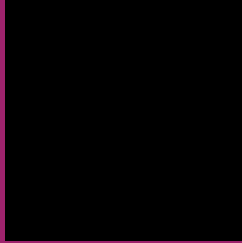
Any Text WCAG AA × Fail

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 9E236D Background



This preview shows how black text looks on a background with the Hex color 9E236D.




This preview shows how white text looks on a background with the Hex color 9E236D.

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
9A3437

Trichromacy



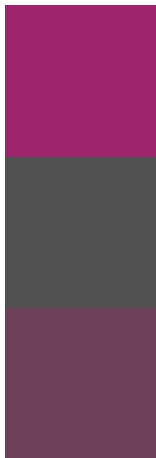
Original Color
9E236D

Protanomaly
634485

Deuteranomaly
734369

Tritanomaly
9B2E4B

Monochromacy



Original Color
9E236D

Achromatopsia
505050

Achromatomaly
6C405B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E236D 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 #9E236D looks like.

```
.text, #text, p{  
    color:#9E236D  
}
```

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 #9E236D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E236D
}
```

Border

The CSS property to change the border of an element to Hex 9E236D is called "border". The border property can be set on classes, ids or directly on the HTML element.

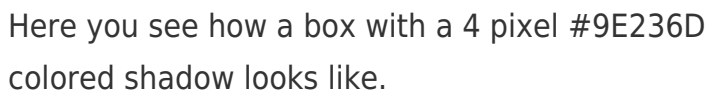
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E236D }
```

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

```
.border{ border-color:#9E236D }
```

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



Here you see how a box with a 4 pixel #9E236D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E236D; -webkit-box-shadow:4px 4px  
4px 4px #9E236D; box-shadow:4px 4px 4px  
4px #9E236D }
```

Background

The CSS property to change the background color of an element to Hex 9E236D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E236D }
```

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

```
.background{ background-color:#9E236D }
```

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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