

Converting Colors

Hex(9D0386)

Have a look what the booklet for
Hex(9D0386) contains.

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Color

Hex(9D0386)

Conversions

Conversions Part 1

Format	Color
Hex	9D0386
RGB	157, 3, 134
RGB Percent	62%, 1%, 53%
CMY	0.3843, 0.9882, 0.4745
CMYK	0.00, 0.98, 0.15, 0.38
HSL	309°, 96%, 31%
HSV	309°, 98%, 62%
XYZ	18.2403, 8.9545, 23.3213
YIQ	63.9800, 49.7330, 73.3890

Conversions

Conversions Part 2

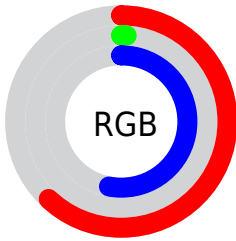
Format	Color
RYB	157, 3, 134
Decimal	10290054
CIELab	35.90, 64.71, -30.19
CIElCh	36, 71.407, 334.992
Yxy	8.9545, 0.3611, 0.1773
Android (android.graphics.Color)	4288480134 (0xFF9D0386)
YUV	63.9800, 34.5199, 81.5785
Hunter-Lab	29.9240, 56.4383, -25.2609

Details

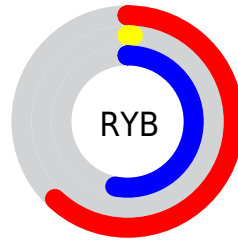
The Hex color **9D0386** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **039D1A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **D750BC**, and **650054** is the 20% darker color. If you saturate the color by 10%, you get **9D0086**, and if you desaturate by 10%, it is **9D1388**.

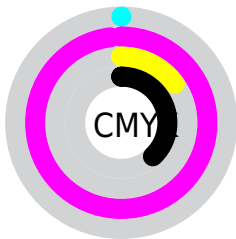
Distribution



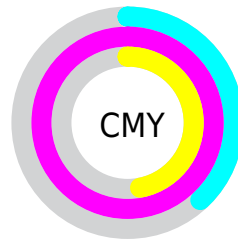
- Red (62%)
- Green (1%)
- Blue (53%)



- Red (62%)
- Yellow (1%)
- Blue (53%)



- Cyan (0%)
- Magenta (98%)
- Yellow (15%)
- Black (38%)



- Cyan (38%)
- Magenta (99%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D0386 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 9D0386 by changing the saturation by 10% instead.



9D0386



9D0386

FFFFFF



81006C



D750BC



650054



F56DD8



4A003C



FF89F4



300026



FFA5FF



03000E



FFC2FF



000000



FFDFFF



FFFDFD



9D0386



9D0386

■ 9D0086

■ 9D1388

■ 9D228B

■ 9D328D

■ 9D428F

■ 9D5292

■ 9D6194

■ 9D7196

■ 9D8199

■ 9D909B

Harmonies

Analogous

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



593FB4



9D0386



B4004E

Triad

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



9D0386



605600



006B96

Complementary

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



9D0386



039D1A

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.



006B5D



9D0386



1C6200

Square

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



9D0386



8D3D00



00681F



0067BE

Rectangle

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



9D0386



B10029



00681F



006B84

Sweetspot

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



9D0386



CC91C3



18039D



664261



E6E6E6



666666

Same Dimension

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



9D0386



CC00AE



9D033B



4F474E



8F0079



0F000D

Inverse Universe

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



9D0386



CC00AE



039D65



4F474E



8F0079



0F000D

Previews

White Background



This preview shows how the Hex color 9D0386 looks on a white background.

Color Contrast Check

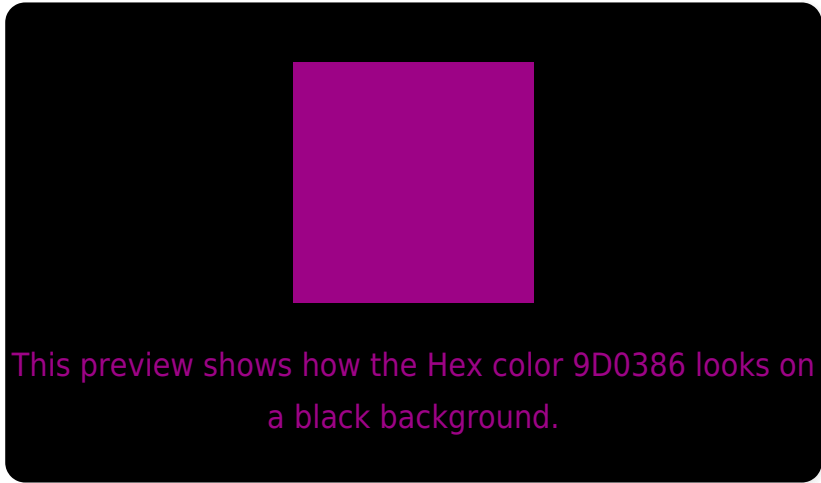
Large Text (above 18pt) WCAG AA ✓ Pass

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

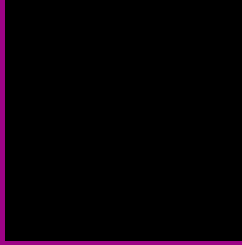
Any Text WCAG AA × Fail

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 9D0386 Background



This preview shows how black text looks on a background with the Hex color 9D0386.



This preview shows how white text looks on a background with the Hex color 9D0386.

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



Trichromacy



Original Color
9D0386



Protanomaly
3937A2



Deuteranomaly
673881



Tritanomaly
992354

Monochromacy



Original Color
9D0386



Achromatopsia
404040



Achromatomaly
622A59

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D0386 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 #9D0386 looks like.

```
.text, #text, p{  
    color:#9D0386  
}
```

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 #9D0386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D0386
}
```

Border

The CSS property to change the border of an element to Hex 9D0386 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
#9D0386 }
```

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

```
.border{ border-color:#9D0386 }
```

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

Here you see how a box with a 4 pixel #9D0386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D0386; -webkit-box-shadow:4px 4px  
4px 4px #9D0386; box-shadow:4px 4px 4px  
4px #9D0386 }
```

Background

The CSS property to change the background color of an element to Hex 9D0386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D0386 }
```

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

```
.background{ background-color:#9D0386 }
```

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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