

Converting Colors

Hex(980086)

Have a look what the booklet for
Hex(980086) contains.

Hex(980086)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(980086)

Conversions

Conversions Part 1

Format	Color
Hex	980086
RGB	152, 0, 134
RGB Percent	60%, 0%, 53%
CMY	0.4039, 1.0000, 0.4745
CMYK	0.00, 1.00, 0.12, 0.40
HSL	307°, 100%, 30%
HSV	307°, 100%, 60%
XYZ	17.2520, 8.3966, 23.2657
YIQ	60.7240, 47.5780, 73.8980

Conversions

Conversions Part 2

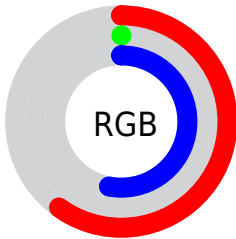
Format	Color
RYB	152, 0, 134
Decimal	9961606
CIELab	34.80, 64.15, -31.99
CIELCh	35, 71.685, 333.497
Yxy	8.3966, 0.3527, 0.1717
Android (android.graphics.Color)	4288151686 (0xFF980086)
YUV	60.7240, 36.1251, 80.0491
Hunter-Lab	28.9769, 55.5637, -27.3203

Details

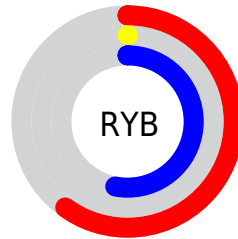
The Hex color **980086** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **009812**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **D24EBC**, and **600054** is the 20% darker color. If you saturate the color by 10%, you get **980086**, and if you desaturate by 10%, it is **980F88**.

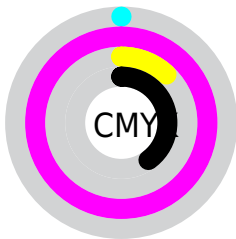
Distribution



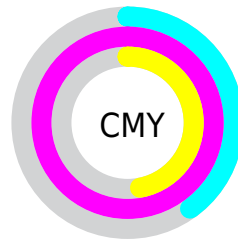
- Red (60%)
- Green (0%)
- Blue (53%)



- Red (60%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 980086 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 980086 by changing the saturation by 10% instead.

 980086

 980086

FFFFFF

 7C006C

 D24EBC

 600054

 F06AD8

 45003C

 FF87F4

 2B0026

 FFA3FF

 00010E

 FFC0FF

 000000

 FFDDFF

 FFFBFF

 980086

 980F88

 981E8A

 982E8B

 983D8D

 984C8F

 985B91

 986A93

 987A94

 988996

Harmonies

Analogous

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



503EB3



980086



B0004E

Triad

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



980086



5F5200



006890

Complementary

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



980086



009812

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.



006857



980086



1E5F00

Square

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



980086



8C3900



006518



0065BA

Rectangle

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



980086



AE0029



006518



00697E

Sweetspot

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



980086



C489BD



120098



63405F



E3E3E3



636363

Same Dimension

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



980086



C400AD



98003A



4D454C



8C007C



0D000B

Inverse Universe

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



980086



C400AD



00985E



4D454C



8C007C



0D000B

Previews

White Background



This preview shows how the Hex color 980086 looks on a white background.

Color Contrast Check

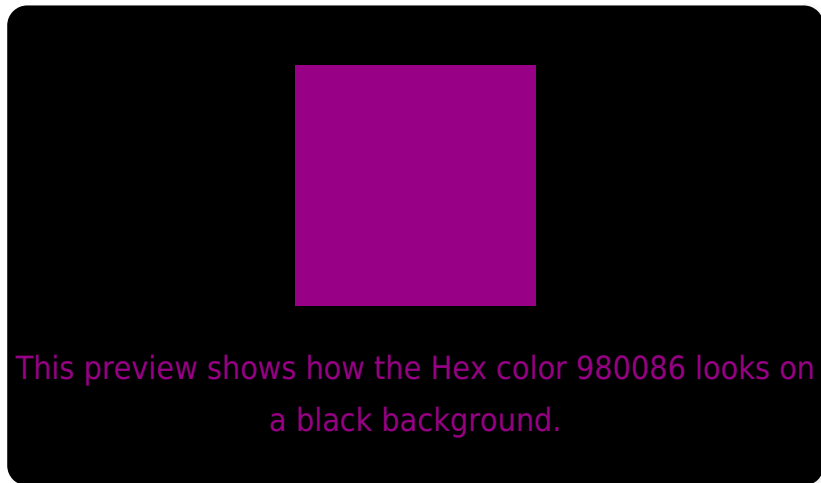
Large Text (above 18pt) WCAG AA ✓ Pass

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

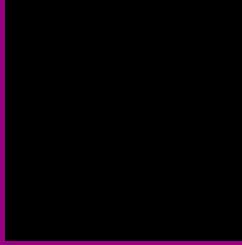
Any Text WCAG AA × Fail

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 980086 Background



This preview shows how black text looks on a background with the Hex color 980086.




This preview shows how white text looks on a background with the Hex color 980086.

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
913538

Trichromacy



Original Color
980086



Protanomaly
37349F



Deuteranomaly
623581



Tritanomaly
942254

Monochromacy



Original Color
980086



Achromatopsia
3D3D3D



Achromatomaly
5E2758

CSS Examples

Text

The CSS property to change the color of the text to Hex 980086 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 #980086 looks like.

```
.text, #text, p{  
    color:#980086  
}
```

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 #980086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #980086
}
```

Border

The CSS property to change the border of an element to Hex 980086 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".

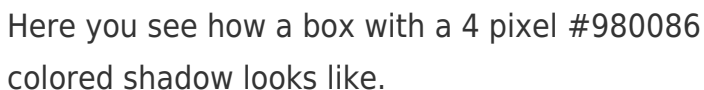
```
.border, #border, table{ border:4px solid
#980086 }
```

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

```
.border{ border-color:#980086 }
```

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

Here you see how a box with a 4 pixel #980086 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #980086; -webkit-box-shadow:4px 4px  
4px 4px #980086; box-shadow:4px 4px 4px  
4px #980086 }
```

Background

The CSS property to change the background color of an element to Hex 980086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#980086 }
```

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

```
.background{ background-color:#980086 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor