

# Converting Colors

Hex(9D1980)

Have a look what the booklet for  
Hex(9D1980) contains.

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**Color**

**Hex(9D1980)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D1980
RGB	157, 25, 128
RGB Percent	62%, 10%, 50%
CMY	0.3843, 0.9020, 0.4980
CMYK	0.00, 0.84, 0.18, 0.38
HSL	313°, 73%, 36%
HSV	313°, 84%, 62%
XYZ	18.1485, 9.4219, 21.2841
YIQ	76.2100, 45.6090, 60.0170

# Conversions

## Conversions Part 2

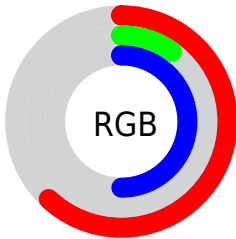
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 25, 128
Decimal	10295680
CIELab	36.78, 60.40, -25.07
CIElCh	37, 65.396, 337.463
Yxy	9.4219, 0.3715, 0.1929
Android (android.graphics.Color)	4288485760 (0xFF9D1980)
YUV	76.2100, 25.5325, 70.8528
Hunter-Lab	30.6951, 51.8222, -19.6255

# Details

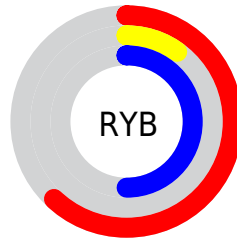
The Hex color **9D1980** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **199D36**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **D758B5**, and **65004E** is the 20% darker color. If you saturate the color by 10%, you get **9D097D**, and if you desaturate by 10%, it is **9D2983**.

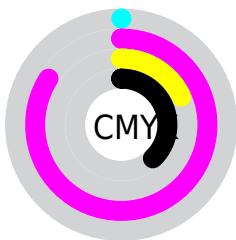
# Distribution



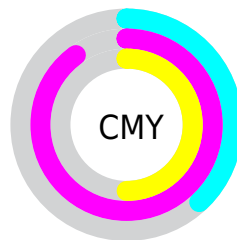
- Red (62%)
- Green (10%)
- Blue (50%)



- Red (62%)
- Yellow (10%)
- Blue (50%)



- Cyan (0%)
- Magenta (84%)
- Yellow (18%)
- Black (38%)



- Cyan (38%)
- Magenta (90%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D1980 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 9D1980 by changing the saturation by 10% instead.



 9D1980

 9D1980

FFFFFF

 810067

 D758B5

 65004E

 F574D1

 4A0037

 FF90ED

 310022

 FFACFF

 060006

 FFC9FF

 000000

 FFE6FF

 9D1980

 9D1980

 9D097D

 9D2983

■ 9D007B

■ 9D3887

■ 9D488A

■ 9D588E

■ 9D6891

■ 9D7795

■ 9D8798

■ 9D979C

■ 9DA69F

# Harmonies

## Analogous

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



6441AB



9D1980



B0004C

# Triad

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



9D1980



5F5900



006C96

# Complementary

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



9D1980



199D36

# 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.



006C63



9D1980



206400

# Square

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



9D1980



894400



006A2B



0067B9

# Rectangle

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



9D1980



AC132A



006A2B



006C86



# Sweetspot

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



9D1980



CC99C1



36199D



66475F



E6E6E6



666666



# Same Dimension

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



9D1980



CC009F



9D193E



4F474D



8F006F



0F000C



# Inverse Universe

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



9D1980



CC009F



199D78



4F474D



8F006F



0F000C



# Previews

## White Background



This preview shows how the Hex color 9D1980 looks on a white background.

## Color Contrast Check

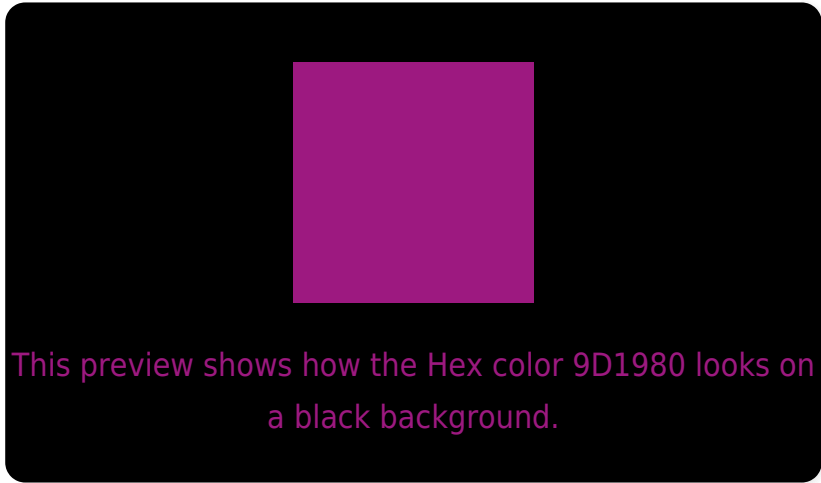
Large Text (above 18pt) WCAG AA ✓ Pass

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

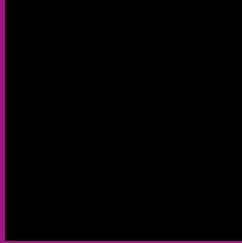
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9D1980 Background



This preview shows how black text looks on a background with the Hex color 9D1980.




This preview shows how white text looks on a background with the Hex color 9D1980.

# 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**  
97363A

# Trichromacy



**Original Color**  
9D1980



**Protanomaly**  
4B3F9F



**Deuteranomaly**  
6B407B



**Tritanomaly**  
992B53

# Monochromacy



**Original Color**  
9D1980



**Achromatopsia**  
4C4C4C



**Achromatomaly**  
69395F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D1980 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 #9D1980 looks like.

```
.text, #text, p{  
    color:#9D1980  
}
```

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 #9D1980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D1980
}
```

## Border

The CSS property to change the border of an element to Hex 9D1980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

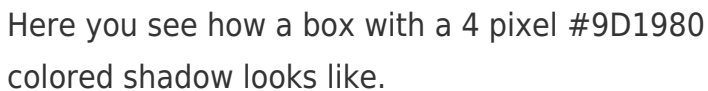
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D1980 }
```

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

```
.border{ border-color:#9D1980 }
```

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



Here you see how a box with a 4 pixel #9D1980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D1980; -webkit-box-shadow:4px 4px  
4px 4px #9D1980; box-shadow:4px 4px 4px  
4px #9D1980 }
```

# Background

The CSS property to change the background color of an element to Hex 9D1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D1980 }
```

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

```
.background{ background-color:#9D1980 }
```

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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