

# Converting Colors

Hex(9D0040)

Have a look what the booklet for  
Hex(9D0040) contains.

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**Color**

**Hex(9D0040)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D0040
RGB	157, 0, 64
RGB Percent	62%, 0%, 25%
CMY	0.3843, 1.0000, 0.7490
CMYK	0.00, 1.00, 0.59, 0.38
HSL	336°, 100%, 31%
HSV	336°, 100%, 62%
XYZ	14.8300, 7.5383, 5.5239
YIQ	54.2390, 73.0280, 53.1880

# Conversions

## Conversions Part 2

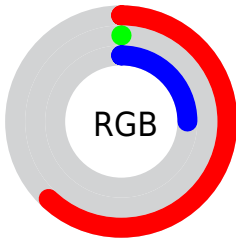
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 0, 64
Decimal	10289216
CIE <sub>Lab</sub>	33.00, 57.96, 10.45
CIE <sub>LCh</sub>	33, 58.895, 10.218
Yxy	7.5383, 0.5317, 0.2703
Android (android.graphics.Color)	4288479296 (0xFF9D0040)
YUV	54.2390, 4.8122, 90.1214
Hunter-Lab	27.4559, 48.3672, 7.2905

# Details

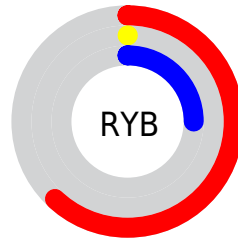
The Hex color **9D0040** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **009D5D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **D94C6F**, and **620016** is the 20% darker color. If you saturate the color by 10%, you get **9D0040**, and if you desaturate by 10%, it is **9D1049**.

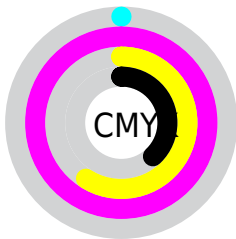
# Distribution



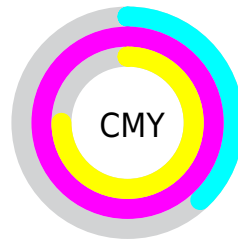
- Red (62%)
- Green (0%)
- Blue (25%)



- Red (62%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (38%)



- Cyan (38%)
- Magenta (100%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D0040 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 9D0040 by changing the saturation by 10% instead.



 9D0040

 9D0040

FFFFFF

 7F002A

 D94C6F

 620016

 F86889

 470002

 FF84A3

 290001

 FFA0BE

 000000

 FFBCD9

 FFD9F6

 FFF7FF

 9D0040

 9D1049

 9D1F53

 9D2F5C

 9D3F65

 9D4F6F

 9D5E78

 9D6E81

 9D7E8A

 9D8D94

# Harmonies

## Analogous

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



8F166E



9D0040



932512

# Triad

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



9D0040



165B00



005BA6

# Complementary

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



9D0040



009D5D

# 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.



006089



9D0040



005F2C

# Square

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



9D0040



525100



00615D



004FAB

# Rectangle

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



9D0040



823800



00615D



005E9F



# Sweetspot

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



9D0040



CC8FA8



5C009D



664150



E6E6E6



666666



# Same Dimension

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



9D0040



CC0053



9D0D00



4F474A



8F003A



0F0006



# Inverse Universe

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



9D0040



CC0053



00909D



4F474A



8F003A



0F0006



# Previews

## White Background



This preview shows how the Hex color 9D0040 looks on a white background.

## Color Contrast Check

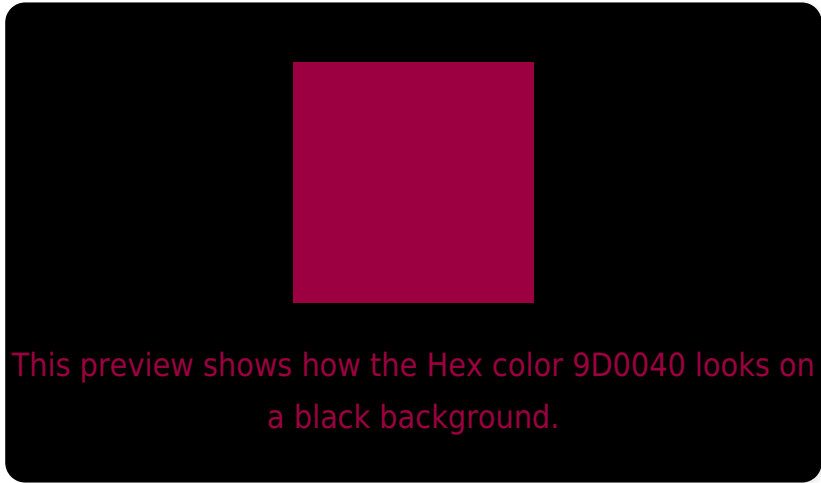
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D0040 Background



This preview shows how black text looks on a background with the Hex color 9D0040.

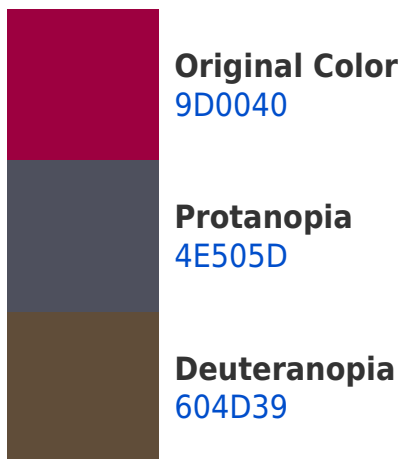


This preview shows how white text looks on a background with the Hex color 9D0040.

# 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**  
9C1A18

# Trichromacy



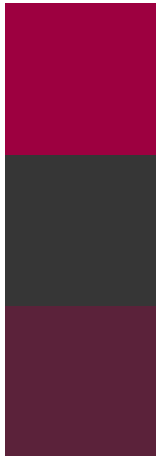
**Original Color**  
9D0040

**Protanomaly**  
6B3352

**Deuteranomaly**  
76313C

**Tritanomaly**  
9C1127

# Monochromacy



**Original Color**  
9D0040

**Achromatopsia**  
363636

**Achromatomaly**  
5B223A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D0040 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 #9D0040 looks like.

```
.text, #text, p{  
    color:#9D0040  
}
```

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 #9D0040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D0040
}
```

## Border

The CSS property to change the border of an element to Hex 9D0040 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
#9D0040 }
```

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

```
.border{ border-color:#9D0040 }
```

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

Here you see how a box with a 4 pixel #9D0040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D0040; -webkit-box-shadow:4px 4px  
4px 4px #9D0040; box-shadow:4px 4px 4px  
4px #9D0040 }
```

# Background

The CSS property to change the background color of an element to Hex 9D0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D0040 }
```

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

```
.background{ background-color:#9D0040 }
```

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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