

Converting Colors

Hex(9C0034)

Have a look what the booklet for
Hex(9C0034) contains.

Hex(9C0034)	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(9C0034)

Conversions

Conversions Part 1

Format	Color
Hex	9C0034
RGB	156, 0, 52
RGB Percent	61%, 0%, 20%
CMY	0.3882, 1.0000, 0.7961
CMYK	0.00, 1.00, 0.67, 0.39
HSL	340°, 100%, 31%
HSV	340°, 100%, 61%
XYZ	14.3301, 7.3159, 3.9056
YIQ	52.5720, 76.2840, 49.2440

Conversions

Conversions Part 2

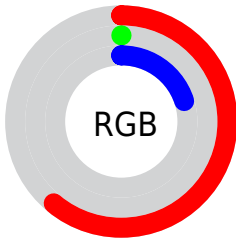
Format	Color
R_YB	156, 0, 52
Decimal	10223668
CIE Lab	32.52, 57.00, 17.69
CIE LCh	33, 59.681, 17.240
Yxy	7.3159, 0.5608, 0.2863
Android (android.graphics.Color)	4288413748 (0xFF9C0034)
YUV	52.5720, -0.2820, 90.7064
Hunter-Lab	27.0478, 47.2369, 10.3722

Details

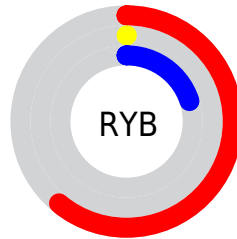
The Hex color **9C0034** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **009C68**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **D94B62**, and **610008** is the 20% darker color. If you saturate the color by 10%, you get **9C0034**, and if you desaturate by 10%, it is **9C103E**.

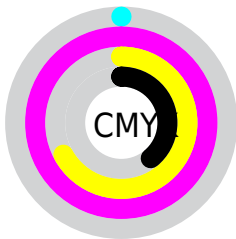
Distribution



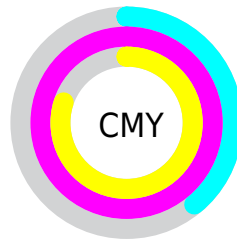
- Red (61%)
- Green (0%)
- Blue (20%)



- Red (61%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (39%)



- Cyan (39%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C0034 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 9C0034 by changing the saturation by 10% instead.

 9C0034

 9C0034

FFFFFF

 7E001F

 D94B62

 610008

 F8677B

 450002

 FF8395

 260001

 FF9FAF

 000000

 FFBBCA

 FFD8E7

 FFF6FF

 9C0034

 9C103E

 9C1F49

 9C2F53

 9C3E5E

 9C4E68

 9C5E72

 9C6D7D

 9C7D87

 9C8C92

Harmonies

Analogous

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



940563



9C0034



8D2A02

Triad

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



9C0034



005B00



0058A9

Complementary

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



9C0034



009C68

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.



005F91



9C0034



005F36

Square

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



9C0034



465300



006067



0049A8

Rectangle

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



9C0034



7A3C00



006067



005BA4

Sweetspot

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



9C0034



CC8FA3



68009C



66414E



E6E6E6



666666

Same Dimension

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



9C0034



CC0044



9C1A00



4F474A



8F0030



0F0005

Inverse Universe

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



9C0034



CC0044



00829C



4F474A



8F0030



0F0005

Previews

White Background



This preview shows how the Hex color 9C0034 looks on a white background.

Color Contrast Check

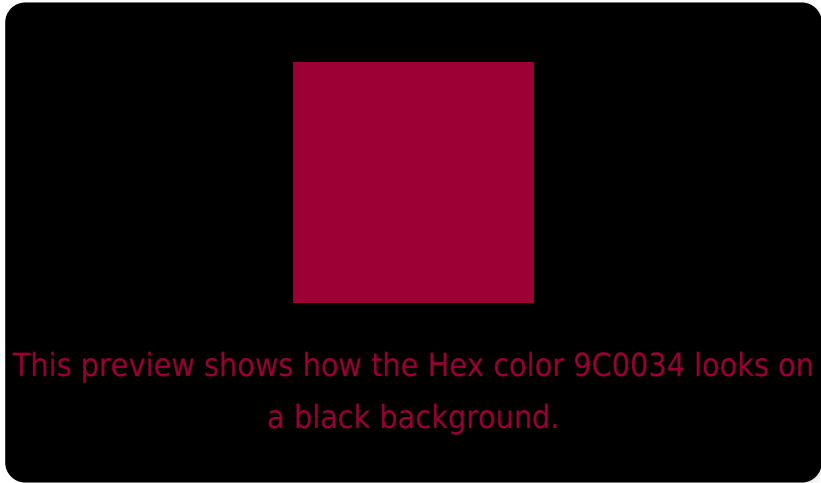
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C0034 Background



This preview shows how black text looks on a background with the Hex color 9C0034.



This preview shows how white text looks on a background with the Hex color 9C0034.

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
9B1512

Trichromacy



Original Color
9C0034

Protanomaly
6D3244

Deuteranomaly
763030

Tritanomaly
9B0D1E

Monochromacy



Original Color
9C0034

Achromatopsia
353535

Achromatomaly
5A2235

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C0034 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 #9C0034 looks like.

```
.text, #text, p{  
    color:#9C0034  
}
```

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 #9C0034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0034
}
```

Border

The CSS property to change the border of an element to Hex 9C0034 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
#9C0034 }
```

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

```
.border{ border-color:#9C0034 }
```

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

Here you see how a box with a 4 pixel #9C0034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0034; -webkit-box-shadow:4px 4px  
4px 4px #9C0034; box-shadow:4px 4px 4px  
4px #9C0034 }
```

Background

The CSS property to change the background color of an element to Hex 9C0034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0034 }
```

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

```
.background{ background-color:#9C0034 }
```

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