

Converting Colors

Hex(9C0032)

Have a look what the booklet for
Hex(9C0032) contains.

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Color

Hex(9C0032)

Conversions

Conversions Part 1

Format	Color
Hex	9C0032
RGB	156, 0, 50
RGB Percent	61%, 0%, 20%
CMY	0.3882, 1.0000, 0.8039
CMYK	0.00, 1.00, 0.68, 0.39
HSL	341°, 100%, 31%
HSV	341°, 100%, 61%
XYZ	14.2860, 7.2982, 3.6733
YIQ	52.3440, 76.9260, 48.6220

Conversions

Conversions Part 2

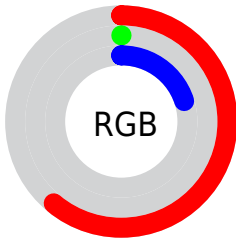
Format	Color
R_YB	156, 0, 50
Decimal	10223666
CIE Lab	32.48, 56.89, 18.96
CIE LCh	32, 59.969, 18.426
Yxy	7.2982, 0.5656, 0.2890
Android (android.graphics.Color)	4288413746 (0xFF9C0032)
YUV	52.3440, -1.1556, 90.9063
Hunter-Lab	27.0152, 47.1168, 10.8488

Details

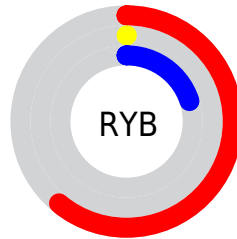
The Hex color **9C0032** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **009C6A**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **D94B60**, and **610004** is the 20% darker color. If you saturate the color by 10%, you get **9C0032**, and if you desaturate by 10%, it is **9C103D**.

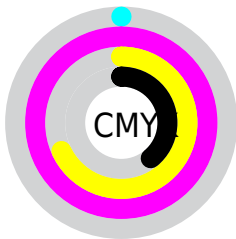
Distribution



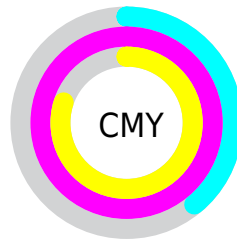
- Red (61%)
- Green (0%)
- Blue (20%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (68%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 9C0032 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 9C0032 by changing the saturation by 10% instead.

 9C0032

 9C0032

FFFFFF

 7E001D

 D94B60

 610004

 F86779

 440002

 FF8392

 260001

 FF9FAD

 000000

 FFBBC8

 FFD8E4

 FFF6FF

 9C0032

 9C103D

 9C1F47

 9C2F52

 9C3E5C

 9C4E67

 9C5E72

 9C6D7C

 9C7D87

 9C8C91

Harmonies

Analogous

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



950261



9C0032



8C2B00

Triad

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



9C0032



005B00



0058AA

Complementary

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



9C0032



009C6A

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.



005F93



9C0032



005F38

Square

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



9C0032



435300



006069



0048A7

Rectangle

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



9C0032



793D00



006069



005BA5

Sweetspot

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



9C0032



CC8FA2



68009C



66414D



E6E6E6



666666

Same Dimension

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



9C0032



CC0041



9C1A00



4F474A



8F002E



0F0005

Inverse Universe

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



9C0032



CC0041



00829C



4F474A



8F002E



0F0005

Previews

White Background



This preview shows how the Hex color 9C0032 looks on a white background.

Color Contrast Check

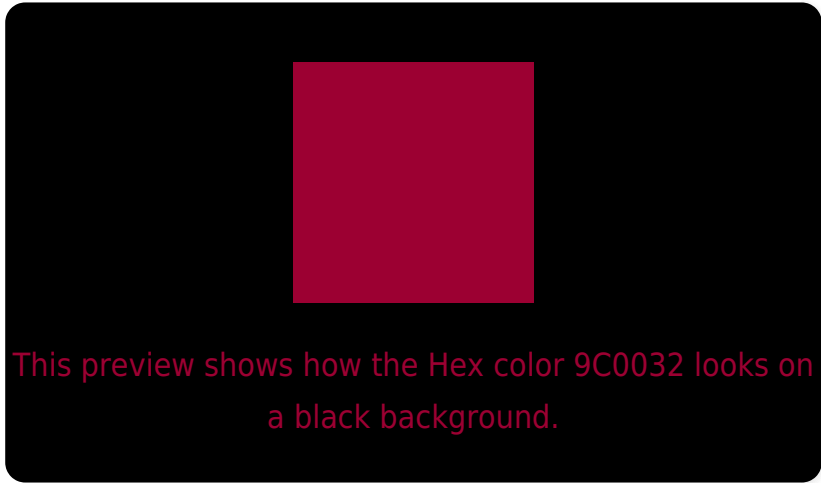
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C0032 Background



This preview shows how black text looks on a background with the Hex color 9C0032.

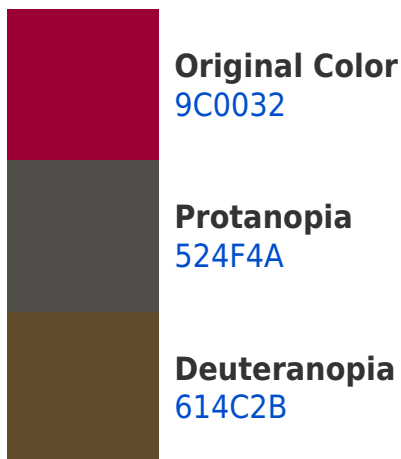


This preview shows how white text looks on a background with the Hex color 9C0032.

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
9B1411

Trichromacy



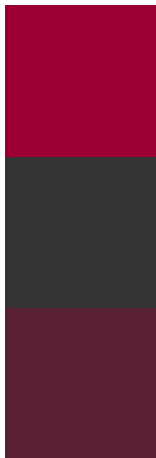
Original Color
9C0032

Protanomaly
6D3241

Deuteranomaly
76302E

Tritanomaly
9B0D1D

Monochromacy



Original Color
9C0032

Achromatopsia
343434

Achromatomaly
5A2133

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C0032 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 #9C0032 looks like.

```
.text, #text, p{  
    color:#9C0032  
}
```

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 #9C0032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0032
}
```

Border

The CSS property to change the border of an element to Hex 9C0032 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".

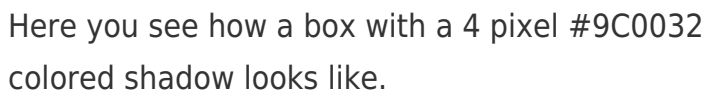
```
.border, #border, table{ border:4px solid
#9C0032 }
```

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

```
.border{ border-color:#9C0032 }
```

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

Here you see how a box with a 4 pixel #9C0032 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0032; -webkit-box-shadow:4px 4px  
4px 4px #9C0032; box-shadow:4px 4px 4px  
4px #9C0032 }
```

Background

The CSS property to change the background color of an element to Hex 9C0032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0032 }
```

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

```
.background{ background-color:#9C0032 }
```

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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