

Converting Colors

Hex(9C0014)

Have a look what the booklet for
Hex(9C0014) contains.

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Color

Hex(9C0014)

Conversions

Conversions Part 1

Format	Color
Hex	9C0014
RGB	156, 0, 20
RGB Percent	61%, 0%, 8%
CMY	0.3882, 1.0000, 0.9216
CMYK	0.00, 1.00, 0.87, 0.39
HSL	352°, 100%, 31%
HSV	352°, 100%, 61%
XYZ	13.8366, 7.1184, 1.3065
YIQ	48.9240, 86.5560, 39.2920

Conversions

Conversions Part 2

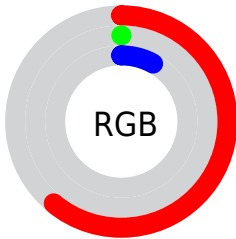
Format	Color
RYB	156, 0, 20
Decimal	10223636
CIELab	32.08, 55.81, 37.10
CIElCh	32, 67.014, 33.616
Yxy	7.1184, 0.6215, 0.3198
Android (android.graphics.Color)	4288413716 (0xFF9C0014)
YUV	48.9240, -14.2595, 93.9057
Hunter-Lab	26.6804, 45.8803, 15.7728

Details

The Hex color **9C0014** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **009C88**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **DA4A40**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **9C0014**, and if you desaturate by 10%, it is **9C1022**.

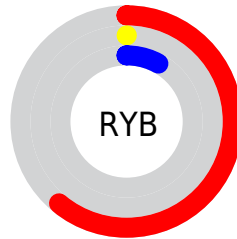
Distribution



Red (61%)

Green (0%)

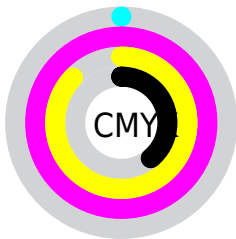
Blue (8%)



Red (61%)

Yellow (0%)

Blue (8%)

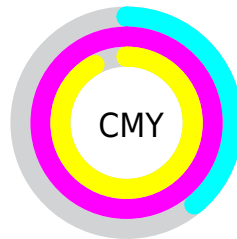


Cyan (0%)

Magenta (100%)

Yellow (87%)

Black (39%)



Cyan (39%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C0014 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 9C0014 by changing the saturation by 10% instead.

 9C0014

 9C0014

 FFFFF8

 7E0000

 DA4A40

 5F0000

 FA6658

 430002

 FF8170

 230001

 FF9D8A

 000000

 FFBA44

 FFD7C0

 FFF4DC

 9C0014

 9C1022

 9C1F2F

 9C2F3D

 9C3E4A

 9C4E58

 9C5E66

 9C6D73

 9C7D81

 9C8C8E

Harmonies

Analogous

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



A30048



9C0014



813500

Triad

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



9C0014



005E17



0051B7

Complementary

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



9C0014



009C88

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.



005DAB



9C0014



006051

Square

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



9C0014



1C5800



006085



4A39A5

Rectangle

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



9C0014



674600



006085



0056B6

Sweetspot

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



9C0014



CC8F97



87009C



664146



E6E6E6



666666

Same Dimension

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



9C0014



CC001A



9C3900



4F4748



8F0012



0F0002

Inverse Universe

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



9C0014



CC001A



00639C



4F4748



8F0012



0F0002

Previews

White Background



This preview shows how the Hex color 9C0014 looks on a white background.

Color Contrast Check

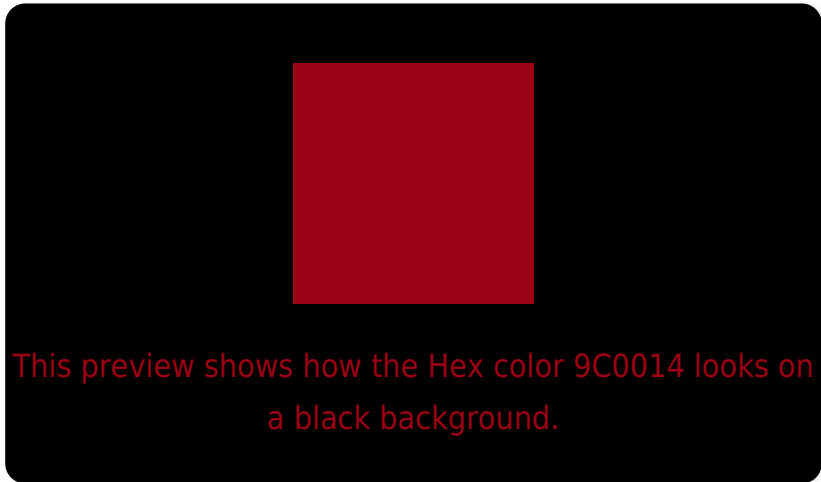
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C0014 Background



This preview shows how black text looks on a background with the Hex color 9C0014.



This preview shows how white text looks on a background with the Hex color 9C0014.

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



Original Color
9C0014

Protanopia
584F22

Deuteranopia
644B00



Tritanopia
9B0E00

Trichromacy



Original Color
9C0014

Protanomaly
71321D

Deuteranomaly
783007

Tritanomaly
9B0907

Monochromacy



Original Color
9C0014

Achromatopsia
313131

Achromatomaly
581F26

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C0014 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 #9C0014 looks like.

```
.text, #text, p{  
    color:#9C0014  
}
```

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 #9C0014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0014
}
```

Border

The CSS property to change the border of an element to Hex 9C0014 is called "border". The border property can be set on classes, ids or directly on the HTML element.

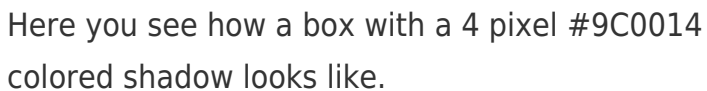
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C0014 }
```

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

```
.border{ border-color:#9C0014 }
```

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



Here you see how a box with a 4 pixel #9C0014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0014; -webkit-box-shadow:4px 4px  
4px 4px #9C0014; box-shadow:4px 4px 4px  
4px #9C0014 }
```

Background

The CSS property to change the background color of an element to Hex 9C0014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0014 }
```

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

```
.background{ background-color:#9C0014 }
```

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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