

Converting Colors

Hex(9C0005)

Have a look what the booklet for
Hex(9C0005) contains.

Hex(9C0005)	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(9C0005)

Conversions

Conversions Part 1

Format	Color
Hex	9C0005
RGB	156, 0, 5
RGB Percent	61%, 0%, 2%
CMY	0.3882, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.97, 0.39
HSL	358°, 100%, 31%
HSV	358°, 100%, 61%
XYZ	13.7377, 7.0789, 0.7859
YIQ	47.2140, 91.3710, 34.6270

Conversions

Conversions Part 2

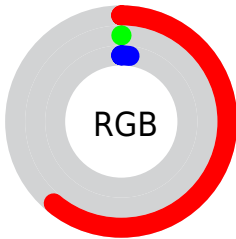
Format	Color
R_{YB}	156, 0, 5
Decimal	10223621
CIE Lab	31.99, 55.56, 43.91
CIE LCh	32, 70.818, 38.316
Yxy	7.0789, 0.6359, 0.3277
Android (android.graphics.Color)	4288413701 (0xFF9C0005)
YUV	47.2140, -20.8115, 95.4053
Hunter-Lab	26.6062, 45.6050, 16.8730

Details

The Hex color **9C0005** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **009C97**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **DB4A33**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **9C0005**, and if you desaturate by 10%, it is **9C1014**.

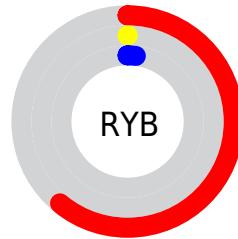
Distribution



Red (61%)

Green (0%)

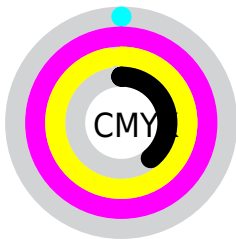
Blue (2%)



Red (61%)

Yellow (0%)

Blue (2%)

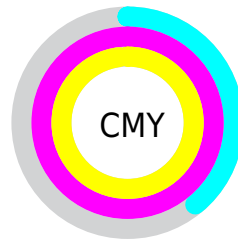


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (39%)



Cyan (39%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C0005 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 9C0005 by changing the saturation by 10% instead.

 9C0005

 9C0005

 FFFFEA

 7D0000

 DB4A33

 5F0000

 FB654B

 420002

 FF8163

 230001

 FF9D7D

 000000

 FFB997

 FFD6B2

 FFF4CE

 9C0005

 9C1014

 9C1F23

 9C2F32

 9C3E41

 9C4E51

 9C5E60

 9C6D6F

 9C7D7E

 9C8C8D

Harmonies

Analogous

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



A7003F



9C0005



7C3800

Triad

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



9C0005



005E1E



004FBC

Complementary

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



9C0005



009C97

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.



005CB5



9C0005



00615A

Square

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



9C0005



005900



006190



5932A4

Rectangle

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



9C0005



604800



006190



0055BD

Sweetspot

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



9C0005



CC8F91



97009C



664142



E6E6E6



666666

Same Dimension

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



9C0005



CC0007



9C4900



4F4747



8F0005



0F0000

Inverse Universe

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



9C0005



CC0007



00539C



4F4747



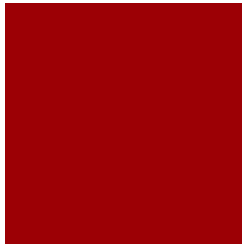
8F0005



0F0000

Previews

White Background



This preview shows how the Hex color 9C0005 looks on a white background.

Color Contrast Check

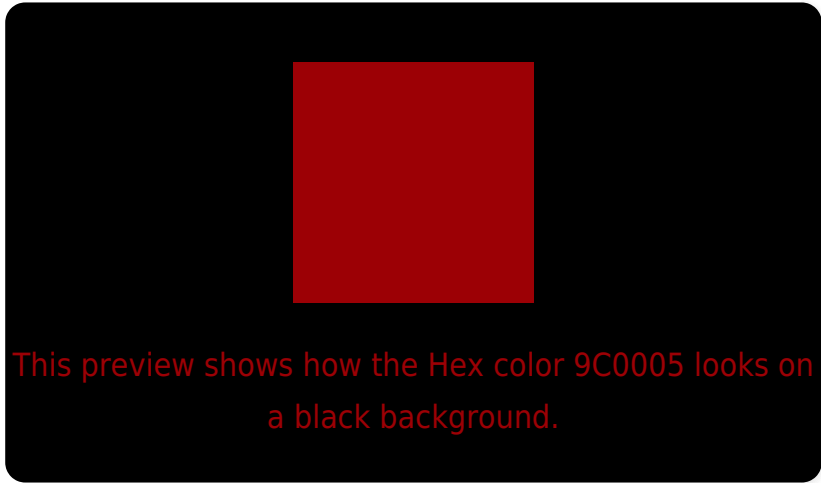
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C0005 Background



This preview shows how black text looks on a background with the Hex color 9C0005.



This preview shows how white text looks on a background with the Hex color 9C0005.

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
9C0005

Protanopia
584F15

Deuteranopia
634B00



Tritanopia
9B0E00

Trichromacy



Original Color
9C0005

Protanomaly
71320F

Deuteranomaly
783002

Tritanomaly
9B0902

Monochromacy



Original Color
9C0005

Achromatopsia
2F2F2F

Achromatomaly
571E20

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C0005 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 #9C0005 looks like.

```
.text, #text, p{  
    color:#9C0005  
}
```

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 #9C0005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0005
}
```

Border

The CSS property to change the border of an element to Hex 9C0005 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".

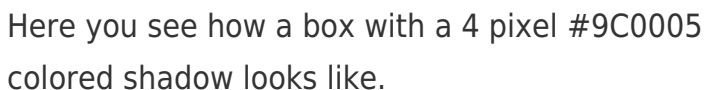
```
.border, #border, table{ border:4px solid
#9C0005 }
```

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

```
.border{ border-color:#9C0005 }
```

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

Here you see how a box with a 4 pixel #9C0005 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0005; -webkit-box-shadow:4px 4px  
4px 4px #9C0005; box-shadow:4px 4px 4px  
4px #9C0005 }
```

Background

The CSS property to change the background color of an element to Hex 9C0005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0005 }
```

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

```
.background{ background-color:#9C0005 }
```

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