

Converting Colors

Hex(9F000F)

Have a look what the booklet for
Hex(9F000F) contains.

Hex(9F000F)	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>	28

Color

Hex(9F000F)

Conversions

Conversions Part 1

Format	Color
Hex	9F000F
RGB	159, 0, 15
RGB Percent	62%, 0%, 6%
CMY	0.3765, 1.0000, 0.9412
CMYK	0.00, 1.00, 0.91, 0.38
HSL	354°, 100%, 31%
HSV	354°, 100%, 62%
XYZ	14.3843, 7.4054, 1.1232
YIQ	49.2510, 89.9490, 38.3730

Conversions

Conversions Part 2

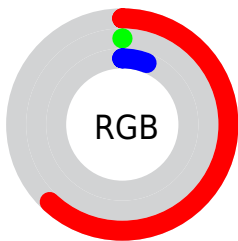
Format	Color
R_{YB}	159, 0, 15
Decimal	10420239
CIE Lab	32.71, 56.48, 40.45
CIE LCh	33, 69.475, 35.607
Yxy	7.4054, 0.6278, 0.3232
Android (android.graphics.Color)	4288610319 (0xFF9F000F)
YUV	49.2510, -16.8857, 96.2499
Hunter-Lab	27.2129, 46.7297, 16.6019

Details

The Hex color **9F000F** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **009F90**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **DE4B3C**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9F000F**, and if you desaturate by 10%, it is **9F101D**.

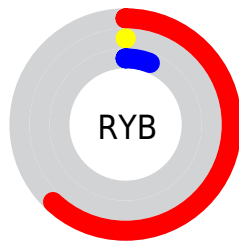
Distribution



Red (62%)

Green (0%)

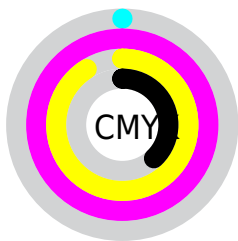
Blue (6%)



Red (62%)

Yellow (0%)

Blue (6%)

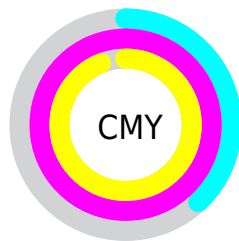


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (38%)



Cyan (38%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F000F 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 9F000F by changing the saturation by 10% instead.

 9F000F

 9F000F

 FFFFF3

 800000

 DE4B3C

 620000

 FE6753

 450002

 FF826C

 270001

 FF9E85

 000000

 FFBBA0

 FFD8BB

 FFF5D7

 9F000F

 9F101D

 9F202C

 9F303A

 9F4049

 9F5057

 9F5F65

 9F6F74

 9F7F82

 9F8F91

Harmonies

Analogous

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



A80045



9F000F



813700

Triad

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



9F000F



00601A



0052BC

Complementary

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



9F000F



009F90

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.



005EB2



9F000F



006256

Square

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



9F000F



125A00



00628C



5238A8

Rectangle

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



9F000F



664800



00628C



0057BD

Sweetspot

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



9F000F



CF9196



8F009F



694346



E8E8E8



696969

Same Dimension

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



9F000F



CF0013



9F4000



4F4748



8F000D



0F0001

Inverse Universe

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



9F000F



CF0013



005F9F



4F4748



8F000D



0F0001

Previews

White Background



This preview shows how the Hex color 9F000F looks on a white background.

Color Contrast Check

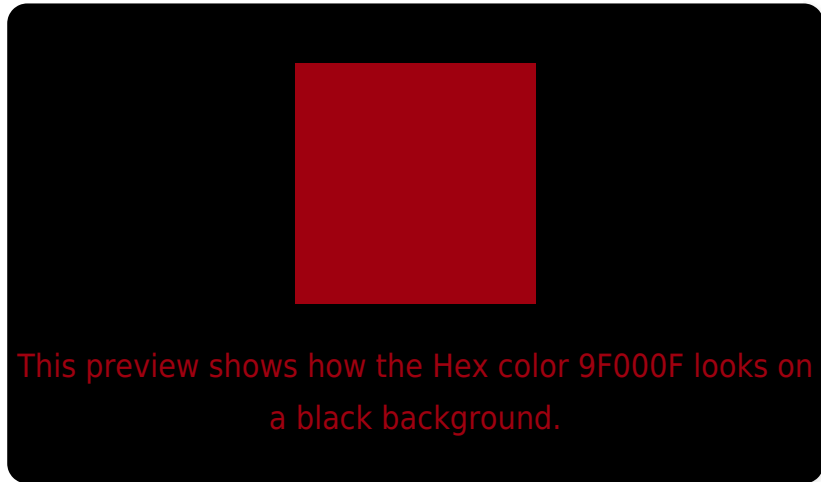
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F000F Background



This preview shows how black text looks on a background with the Hex color 9F000F.



This preview shows how white text looks on a background with the Hex color 9F000F.

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
9F000F

Protanopia
5A501D

Tritanopia
9E0F00

Trichromacy



Original Color
9F000F

Protanomaly
733318

Tritanomaly
9E0A05

Monochromacy



Original Color
9F000F

Achromatopsia
313131

Achromatomaly
591F25

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F000F 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 #9F000F looks like.

```
.text, #text, p{  
    color:#9F000F  
}
```

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 #9F000F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F000F
}
```

Border

The CSS property to change the border of an element to Hex 9F000F is called "border". The border property can be set on classes, ids or directly on the HTML element.

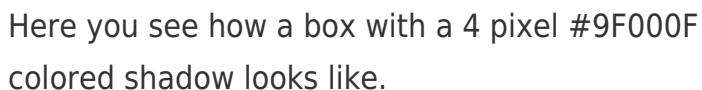
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F000F }
```

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

```
.border{ border-color:#9F000F }
```

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



Here you see how a box with a 4 pixel #9F000F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F000F; -webkit-box-shadow:4px 4px  
4px 4px #9F000F; box-shadow:4px 4px 4px  
4px #9F000F }
```

Background

The CSS property to change the background color of an element to Hex 9F000F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F000F }
```

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

```
.background{ background-color:#9F000F }
```

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