

Converting Colors

Hex(9F0300)

Have a look what the booklet for
Hex(9F0300) contains.

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Color

Hex(9F0300)

Conversions

Conversions Part 1

Format	Color
Hex	9F0300
RGB	159, 3, 0
RGB Percent	62%, 1%, 0%
CMY	0.3765, 0.9882, 1.0000
CMYK	0.00, 0.98, 1.00, 0.38
HSL	1°, 100%, 31%
HSV	1°, 100%, 62%
XYZ	14.3306, 7.4361, 0.6800
YIQ	49.3020, 93.9390, 32.1390

Conversions

Conversions Part 2

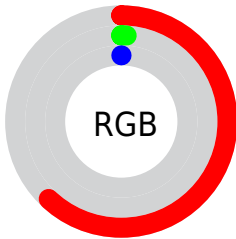
Format	Color
RYB	159, 3, 0
Decimal	10420992
CIELab	32.78, 55.86, 46.79
CIELCh	33, 72.870, 39.949
Yxy	7.4361, 0.6384, 0.3313
Android (android.graphics.Color)	4288611072 (0xFF9F0300)
YUV	49.3020, -24.3059, 96.2051
Hunter-Lab	27.2691, 46.0854, 17.6099

Details

The Hex color **9F0300** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **009C9F**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **DE4B30**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9F0300**, and if you desaturate by 10%, it is **9F1310**.

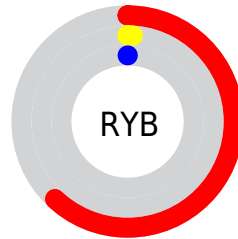
Distribution



Red (62%)

Green (1%)

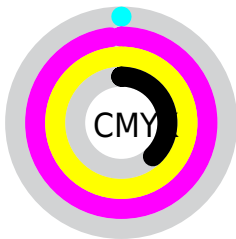
Blue (0%)



Red (62%)

Yellow (1%)

Blue (0%)

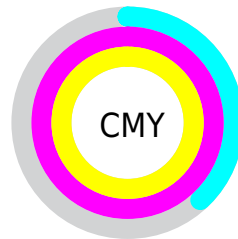


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F0300 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 9F0300 by changing the saturation by 10% instead.

 9F0300

 9F0300

 FFFFE6

 800000

 DE4B30

 610000

 FE6747

 440002

 FF8360

 260001

 FF9F79

 000000

 FFBB94

 FFD8AF

 FFF5CA

 9F0300

 9F1310

 9F2220

 9F3230

 9F4140

 9F5150

 9F615F

 9F706F

 9F807F

 9F8F8F

Harmonies

Analogous

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



AC003D



9F0300



7D3B00

Triad

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



9F0300



006122



0050C1

Complementary

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



9F0300



009C9F

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.



005EBB



9F0300



006360

Square

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



9F0300



005C00



006397



6030A7

Rectangle

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



9F0300



5F4B00



006397



0056C3

Sweetspot

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



9F0300



CF9291



9F009C



694443



E8E8E8



696969

Same Dimension

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



9F0300



CF0400



9F5200



4F4747



8F0300



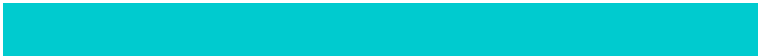
0F0000

Inverse Universe

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



009C9F



00CBCF



004D9F



474F4F



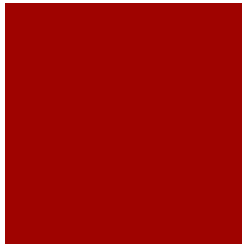
008C8F



000F0F

Previews

White Background



This preview shows how the Hex color 9F0300 looks on a white background.

Color Contrast Check

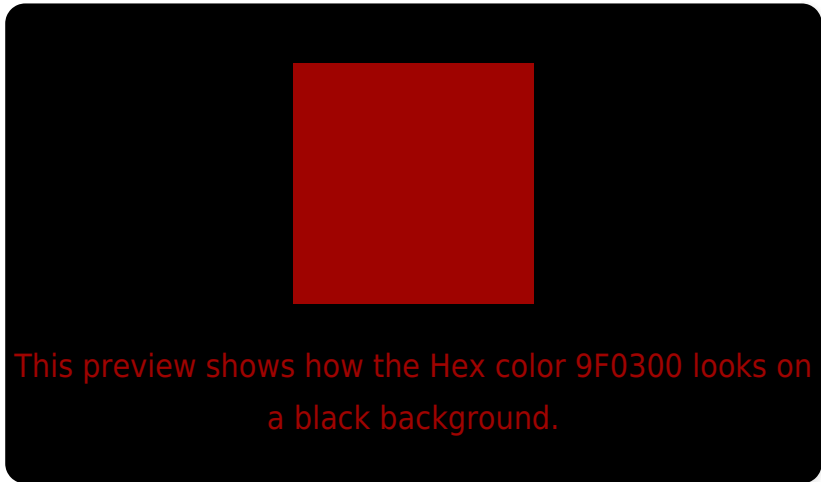
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F0300 Background



This preview shows how black text looks on a background with the Hex color 9F0300.

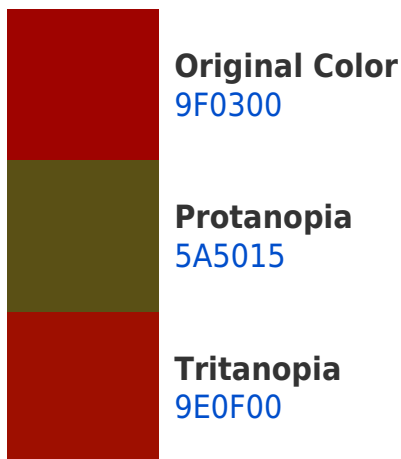


This preview shows how white text looks on a background with the Hex color 9F0300.

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



Trichromacy

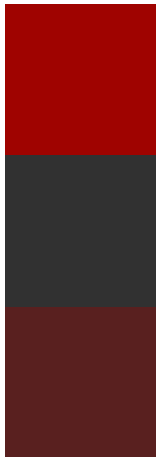


Original Color
9F0300

Protanomaly
73340D

Tritanomaly
9E0B00

Monochromacy



Original Color
9F0300

Achromatopsia
313131

Achromatomaly
59201F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F0300 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 #9F0300 looks like.

```
.text, #text, p{  
    color:#9F0300  
}
```

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 #9F0300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F0300
}
```

Border

The CSS property to change the border of an element to Hex 9F0300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

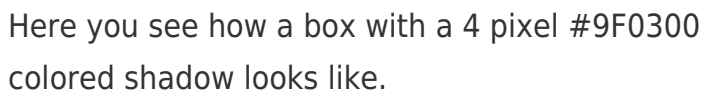
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F0300 }
```

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

```
.border{ border-color:#9F0300 }
```

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



Here you see how a box with a 4 pixel #9F0300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F0300; -webkit-box-shadow:4px 4px  
4px 4px #9F0300; box-shadow:4px 4px 4px  
4px #9F0300 }
```

Background

The CSS property to change the background color of an element to Hex 9F0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F0300 }
```

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

```
.background{ background-color:#9F0300 }
```

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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