

Converting Colors

Hex(990101)

Have a look what the booklet for
Hex(990101) contains.

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Color

Hex(990101)

Conversions

Conversions Part 1

Format	Color
Hex	990101
RGB	153, 1, 1
RGB Percent	60%, 0%, 0%
CMY	0.4000, 0.9961, 0.9961
CMYK	0.00, 0.99, 0.99, 0.40
HSL	0°, 99%, 30%
HSV	0°, 99%, 60%
XYZ	13.1532, 6.7962, 0.6473
YIQ	46.4480, 90.5920, 32.2240

Conversions

Conversions Part 2

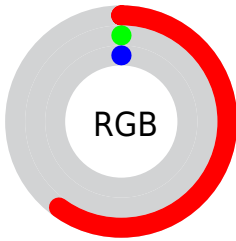
Format	Color
RYB	153, 1, 1
Decimal	10027265
CIELab	31.34, 54.58, 44.77
CIELCh	31, 70.594, 39.364
Yxy	6.7962, 0.6386, 0.3300
Android (android.graphics.Color)	4288217345 (0xFF990101)
YUV	46.4480, -22.4059, 93.4461
Hunter-Lab	26.0695, 44.4393, 16.7766

Details

The Hex color **990101** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **019999**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **D84930**, and **5C0000** is the 20% darker color. If you saturate the color by 10%, you get **990000**, and if you desaturate by 10%, it is **991010**.

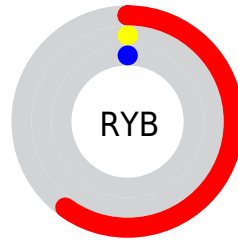
Distribution



Red (60%)

Green (0%)

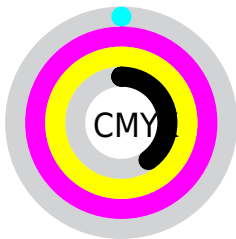
Blue (0%)



Red (60%)

Yellow (0%)

Blue (0%)

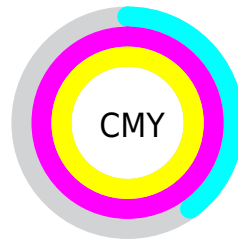


Cyan (0%)

Magenta (99%)

Yellow (99%)

Black (40%)



Cyan (40%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 990101 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 990101 by changing the saturation by 10% instead.

 990101

 990101

 FFFFE6

 7A0000

 D84930

 5C0000

 F86548

 400002

 FF8060

 1F0001

 FF9C79

 000000

 FFB994

 FFD5AE

 FFF3CA

 990101

 990101

■ 990000

■ 991010

■ 992020

■ 992F2F

■ 993E3E

■ 994E4E

■ 995D5D

■ 996C6C

■ 997B7B

■ 998B8B

Harmonies

Analogous

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



A5003B



990101



793800

Triad

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



990101



005D1F



004DBA

Complementary

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



990101



019999

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.



005AB3



990101



005F5A

Square

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



990101



005800



005F90



5B2FA1

Rectangle

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



990101



5C4800



005F90



0053BB

Sweetspot

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



990101



C78B8B



990199



634040



E3E3E3



636363

Same Dimension

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



990101



C70000



994D01



4D4545



8C0000



0D0000

Inverse Universe

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



019999



00C7C7



014D99



454D4D



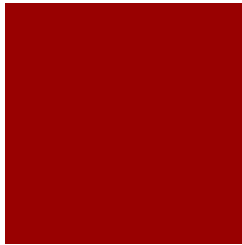
008C8C



000D0D

Previews

White Background



This preview shows how the Hex color 990101 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 990101 Background



This preview shows how black text looks on a background with the Hex color 990101.



This preview shows how white text looks on a background with the Hex color 990101.

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
990101

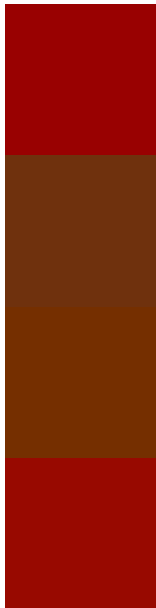
Protanopia
574D14

Deuteranopia
614900



Tritanopia
980E00

Trichromacy



Original Color
990101

Protanomaly
6F310D

Deuteranomaly
752F00

Tritanomaly
980900

Monochromacy



Original Color
990101

Achromatopsia
2E2E2E

Achromatomaly
551E1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 990101 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 #990101 looks like.

```
.text, #text, p{  
    color:#990101  
}
```

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 #990101 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #990101
}
```

Border

The CSS property to change the border of an element to Hex 990101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

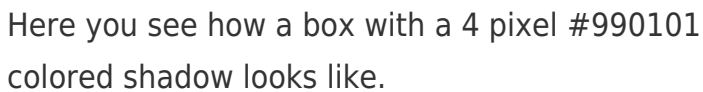
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#990101 }
```

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

```
.border{ border-color:#990101 }
```

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



Here you see how a box with a 4 pixel #990101 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #990101; -webkit-box-shadow:4px 4px  
4px 4px #990101; box-shadow:4px 4px 4px  
4px #990101 }
```

Background

The CSS property to change the background color of an element to Hex 990101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#990101 }
```

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

```
.background{ background-color:#990101 }
```

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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