

Converting Colors

Hex(9D1900)

Have a look what the booklet for
Hex(9D1900) contains.

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Color

Hex(9D1900)

Conversions

Conversions Part 1

Format	Color
Hex	9D1900
RGB	157, 25, 0
RGB Percent	62%, 10%, 0%
CMY	0.3843, 0.9020, 1.0000
CMYK	0.00, 0.84, 1.00, 0.38
HSL	10°, 100%, 31%
HSV	10°, 100%, 62%
XYZ	14.2523, 7.8634, 0.7666
YIQ	61.6180, 86.6970, 20.2090

Conversions

Conversions Part 2

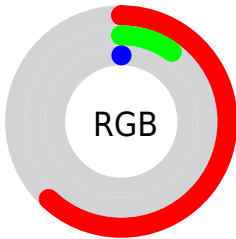
Format	Color
RYB	157, 30, 0
Decimal	10295552
CIELab	33.70, 51.43, 47.13
CIElCh	34, 69.757, 42.506
Yxy	7.8634, 0.6229, 0.3436
Android (android.graphics.Color)	4288485632 (0xFF9D1900)
YUV	61.6180, -30.3777, 83.6500
Hunter-Lab	28.0417, 41.6501, 18.0083

Details

The Hex color **9D1900** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00849D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **DC5431**, and **600000** is the 20% darker color. If you saturate the color by 10%, you get **9D1900**, and if you desaturate by 10%, it is **9D2610**.

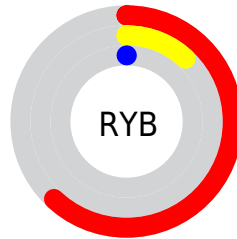
Distribution



Red (62%)

Green (10%)

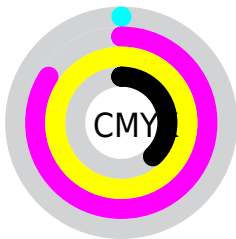
Blue (0%)



Red (62%)

Yellow (12%)

Blue (0%)

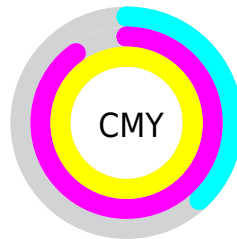


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D1900 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 9D1900 by changing the saturation by 10% instead.

 9D1900

 9D1900

 FFFFE8

 7E0000

 DC5431

 600000

 FC6F49

 430001

 FF8A61

 260001

 FFA67B

 000000

 FFC295

 FFDFB0

 FFFCCC

 9D1900

 9D2610

 9D331F

 9D412F

 9D4E3F

 9D5B4F

 9D685E

 9D756E

 9D837E

 9D908D

Harmonies

Analogous

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



AB003B



9D1900



7B4000

Triad

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



9D1900



00632B



0050BE

Complementary

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



9D1900



00849D

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.



005FBB



9D1900



006566

Square

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



9D1900



005F00



00659A



6A31A2

Rectangle

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



9D1900



5E4F00



00659A



0056C0

Sweetspot

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



9D1900



CC998F



9D0085



664741



E6E6E6



666666

Same Dimension

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



9D1900



CC2000



9D6600



4F4847



8F1700



0F0200

Inverse Universe

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



00849D



00ACCC



00379D



474E4F



00788F



000D0F

Previews

White Background



This preview shows how the Hex color 9D1900 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

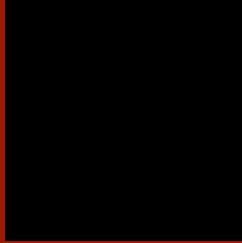
Any Text WCAG AA × Fail

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 9D1900 Background



This preview shows how black text looks on a background with the Hex color 9D1900.



This preview shows how white text looks on a background with the Hex color 9D1900.

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
9D1900

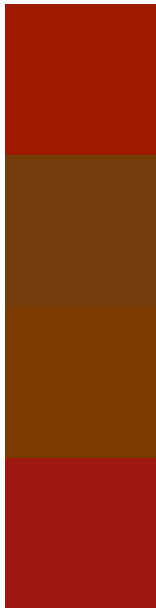
Protanopia
5B5113

Deuteranopia
664D00



Tritanopia
9D1816

Trichromacy



Original Color
9D1900

Protanomaly
733D0C

Deuteranomaly
7A3A00

Tritanomaly
9D180E

Monochromacy



Original Color
9D1900

Achromatopsia
3E3E3E

Achromatomaly
613127

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D1900 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 #9D1900 looks like.

```
.text, #text, p{  
    color:#9D1900  
}
```

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 #9D1900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D1900
}
```

Border

The CSS property to change the border of an element to Hex 9D1900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

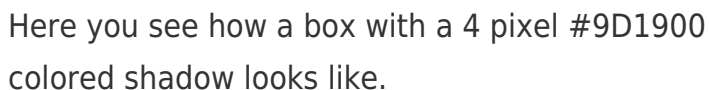
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D1900 }
```

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

```
.border{ border-color:#9D1900 }
```

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



Here you see how a box with a 4 pixel #9D1900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D1900; -webkit-box-shadow:4px 4px  
4px 4px #9D1900; box-shadow:4px 4px 4px  
4px #9D1900 }
```

Background

The CSS property to change the background color of an element to Hex 9D1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D1900 }
```

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

```
.background{ background-color:#9D1900 }
```

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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