

Converting Colors

Hex(9D1200)

Have a look what the booklet for
Hex(9D1200) contains.

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Color

Hex(9D1200)

Conversions

Conversions Part 1

Format	Color
Hex	9D1200
RGB	157, 18, 0
RGB Percent	62%, 7%, 0%
CMY	0.3843, 0.9294, 1.0000
CMYK	0.00, 0.89, 1.00, 0.38
HSL	7°, 100%, 31%
HSV	7°, 100%, 62%
XYZ	14.1209, 7.6007, 0.7228
YIQ	57.5090, 88.6220, 23.8700

Conversions

Conversions Part 2

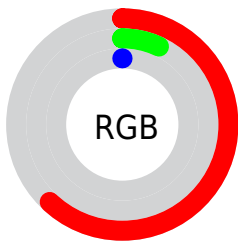
Format	Color
RYB	157, 20, 0
Decimal	10293760
CIELab	33.14, 53.02, 46.79
CIELCh	33, 70.715, 41.431
Yxy	7.6007, 0.6291, 0.3386
Android (android.graphics.Color)	4288483840 (0xFF9D1200)
YUV	57.5090, -28.3519, 87.2536
Hunter-Lab	27.5694, 43.1806, 17.7441

Details

The Hex color **9D1200** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **008B9D**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **DC5030**, and **600000** is the 20% darker color. If you saturate the color by 10%, you get **9D1200**, and if you desaturate by 10%, it is **9D2010**.

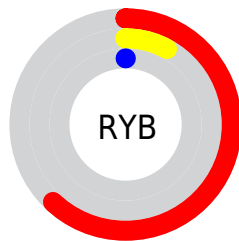
Distribution



Red (62%)

Green (7%)

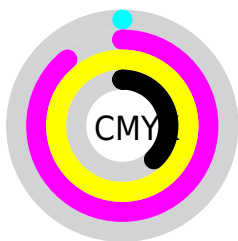
Blue (0%)



Red (62%)

Yellow (8%)

Blue (0%)

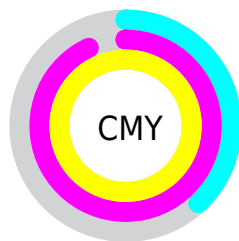


Cyan (0%)

Magenta (89%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D1200 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 9D1200 by changing the saturation by 10% instead.

 9D1200

 9D1200

 FFFFE7

 7E0000

 DC5030

 600000

 FC6C48

 430001

 FF8761

 250001

 FFA37A

 000000

 FFBF94

 FFDCAF

 FFF9CB

 9D1200

 9D2010

 9D2E1F

 9D3C2F

 9D4A3F

 9D584F

 9D655E

 9D736E

 9D817E

 9D8F8D

Harmonies

Analogous

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



AB003C



9D1200



7C3E00

Triad

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



9D1200



006227



004FBE

Complementary

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



9D1200



008B9D

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.



005EBA



9D1200



006463

Square

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



9D1200



005D00



006398



6630A3

Rectangle

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



9D1200



5E4D00



006398



0056C0

Sweetspot

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



9D1200



CC968F



9D008D



664541



E6E6E6



666666

Same Dimension

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



9D1200



CC1700



9D5E00



4F4847



8F1000



0F0200

Inverse Universe

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



008B9D



00B5CC



003F9D



474E4F



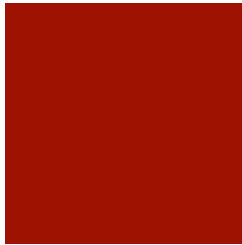
007E8F



000E0F

Previews

White Background



This preview shows how the Hex color 9D1200 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

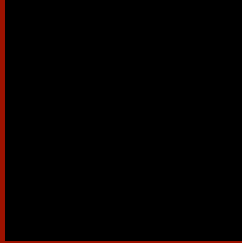
Any Text WCAG AA × Fail

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 9D1200 Background



This preview shows how black text looks on a background with the Hex color 9D1200.



This preview shows how white text looks on a background with the Hex color 9D1200.

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
9D1200

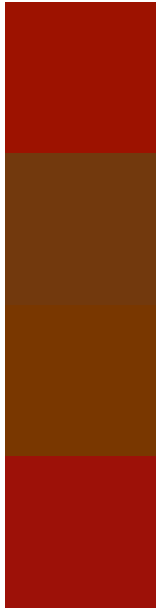
Protanopia
5A5014

Deuteranopia
654C00



Tritanopia
9D110D

Trichromacy



Original Color
9D1200

Protanomaly
72390D

Deuteranomaly
793700

Tritanomaly
9D1108

Monochromacy



Original Color
9D1200

Achromatopsia
3A3A3A

Achromatomaly
5E2B25

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D1200 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 #9D1200 looks like.

```
.text, #text, p{  
    color:#9D1200  
}
```

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 #9D1200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D1200
}
```

Border

The CSS property to change the border of an element to Hex 9D1200 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".

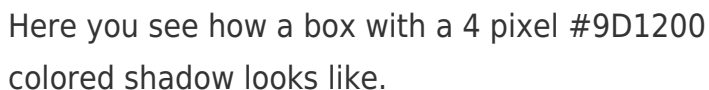
```
.border, #border, table{ border:4px solid
#9D1200 }
```

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

```
.border{ border-color:#9D1200 }
```

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

Here you see how a box with a 4 pixel #9D1200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D1200; -webkit-box-shadow:4px 4px  
4px 4px #9D1200; box-shadow:4px 4px 4px  
4px #9D1200 }
```

Background

The CSS property to change the background color of an element to Hex 9D1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D1200 }
```

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

```
.background{ background-color:#9D1200 }
```

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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