

# Converting Colors

Hex(9F1500)

Have a look what the booklet for  
Hex(9F1500) contains.

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**Color**

**Hex(9F1500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F1500
RGB	159, 21, 0
RGB Percent	62%, 8%, 0%
CMY	0.3765, 0.9176, 1.0000
CMYK	0.00, 0.87, 1.00, 0.38
HSL	8°, 100%, 31%
HSV	8°, 100%, 62%
XYZ	14.5662, 7.9073, 0.7585
YIQ	59.8680, 88.9890, 22.7250

# Conversions

## Conversions Part 2

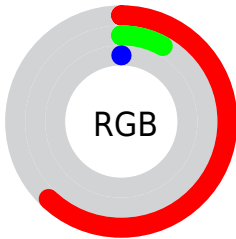
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 24, 0
Decimal	10425600
CIE <sub>Lab</sub>	33.79, 52.96, 47.41
CIE <sub>LCh</sub>	34, 71.082, 41.831
Yxy	7.9073, 0.6270, 0.3404
Android (android.graphics.Color)	4288615680 (0xFF9F1500)
YUV	59.8680, -29.5149, 86.9388
Hunter-Lab	28.1198, 43.2543, 18.0846

# Details

The Hex color **9F1500** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **008A9F**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **DE5230**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9F1500**, and if you desaturate by 10%, it is **9F2310**.

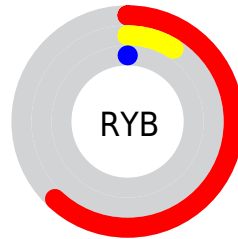
# Distribution



Red (62%)

Green (8%)

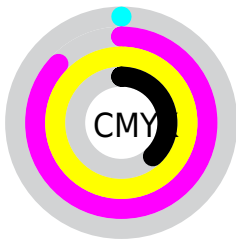
Blue (0%)



Red (62%)

Yellow (9%)

Blue (0%)

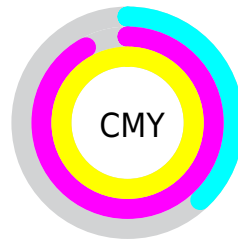


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (92%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F1500 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 9F1500 by changing the saturation by 10% instead.



 9F1500

 9F1500

 FFFFE8

 800000

 DE5230

 620000

 FE6D48

 450001

 FF8961

 270001

 FFA57B

 000000

 FFC195


 FFDEB0

 FFFBCC

 9F1500

 9F2310

 9F3120

 9F3E30

 9F4C40

 9F5A50

 9F685F

 9F766F

 9F837F

 9F918F

# Harmonies

## Analogous

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



AD003C



9F1500



7D4000

# Triad

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



9F1500



006429



0050C0

# Complementary

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



9F1500



008A9F

# 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.



0060BD



9F1500



006665

# Square

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



9F1500



005F00



00659B



6931A5

# Rectangle

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



9F1500



5F4F00



00659B



0057C3



# Sweetspot

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



9F1500



CF9991



9F008C



694843



E8E8E8



696969



# Same Dimension

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



9F1500



CF1B00



9F6200



4F4847



8F1300



0F0200



# Inverse Universe

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



008A9F



00B3CF



003D9F



474E4F



007C8F



000D0F



# Previews

## White Background



This preview shows how the Hex color 9F1500 looks on a white background.

## Color Contrast Check

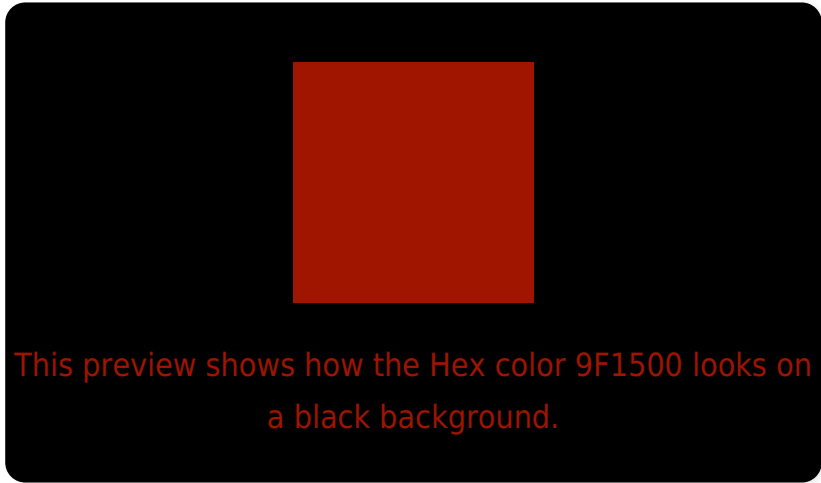
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F1500 Background



This preview shows how black text looks on a background with the Hex color 9F1500.



This preview shows how white text looks on a background with the Hex color 9F1500.

# 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**  
9F1500

**Protanopia**  
5C5214

**Tritanopia**  
9F1411

# Trichromacy



**Original Color**  
9F1500

**Protanomaly**  
743C0D

**Tritanomaly**  
9F140B

# Monochromacy



**Original Color**  
9F1500

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
602E26

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F1500 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 #9F1500 looks like.

```
.text, #text, p{  
    color:#9F1500  
}
```

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 #9F1500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F1500
}
```

## Border

The CSS property to change the border of an element to Hex 9F1500 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".

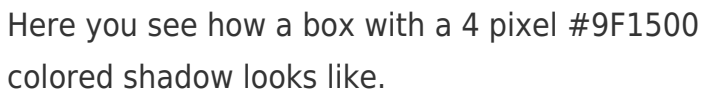
```
.border, #border, table{ border:4px solid
#9F1500 }
```

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

```
.border{ border-color:#9F1500 }
```

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

Here you see how a box with a 4 pixel #9F1500 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F1500; -webkit-box-shadow:4px 4px  
4px 4px #9F1500; box-shadow:4px 4px 4px  
4px #9F1500 }
```

# Background

The CSS property to change the background color of an element to Hex 9F1500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F1500 }
```

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

```
.background{ background-color:#9F1500 }
```

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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