

# Converting Colors

Hex(9D3F17)

Have a look what the booklet for  
Hex(9D3F17) contains.

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**Color**

**Hex(9D3F17)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D3F17
RGB	157, 63, 23
RGB Percent	62%, 25%, 9%
CMY	0.3843, 0.7529, 0.9098
CMYK	0.00, 0.60, 0.85, 0.38
HSL	18°, 74%, 35%
HSV	18°, 85%, 62%
XYZ	15.8368, 10.7850, 2.0576
YIQ	86.5460, 68.8640, 7.4880

# Conversions

## Conversions Part 2

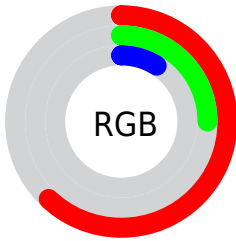
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 80, 23
Decimal	10305303
CIE <sub>Lab</sub>	39.22, 37.14, 41.93
CIE <sub>LCh</sub>	39, 56.009, 48.469
Yxy	10.7850, 0.5522, 0.3761
Android (android.graphics.Color)	4288495383 (0xFF9D3F17)
YUV	86.5460, -31.3282, 61.7882
Hunter-Lab	32.8405, 28.6079, 19.2735

# Details

The Hex color **9D3F17** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **17759D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **DA7246**, and **620900** is the 20% darker color. If you saturate the color by 10%, you get **9D3407**, and if you desaturate by 10%, it is **9D4A27**.

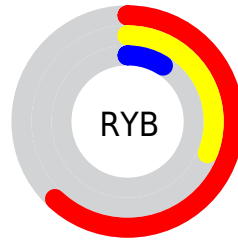
# Distribution



Red (62%)

Green (25%)

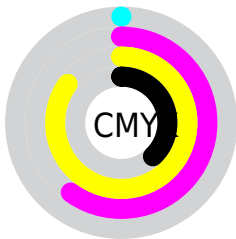
Blue (9%)



Red (62%)

Yellow (31%)

Blue (9%)

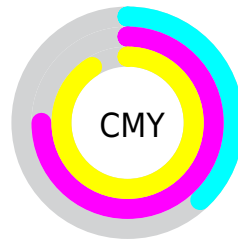


Cyan (0%)

Magenta (60%)

Yellow (85%)

Black (38%)



Cyan (38%)

Magenta (75%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D3F17 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 9D3F17 by changing the saturation by 10% instead.





9D3F17



9D3F17

FFFFFF



7F2600



DA7246



620900



F88C5F



460000



FFA778



2D0002



FFC392



000000



FFDFAD



FFFCC9



FFFFE5



9D3F17



9D3F17

■ 9D3407

■ 9D4A27

■ 9D2F00

■ 9D5536

■ 9D6046

■ 9D6B56

■ 9D7666

■ 9D8175

■ 9D8C85

■ 9D9795

■ 9DA2A4

# Harmonies

## Analogous

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



AC2A43



9D3F17



7F5400

# Triad

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



9D3F17



006F49



2C58B4

# Complementary

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



9D3F17



17759D

# 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.



0067B6



9D3F17



007178

# Square

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



9D3F17



136B18



006EA0



804299

# Rectangle

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



9D3F17



655F00



006EA0



005EB7



# Sweetspot

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



9D3F17



CCA797



9D1777



665046



E6E6E6



666666



# Same Dimension

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



9D3F17



CC3D00



9D8017



4F4A47



8F2B00



0F0500



# Inverse Universe

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



17759D



008FCC



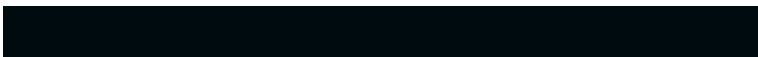
17349D



474D4F



00648F



000B0F



# Previews

## White Background



This preview shows how the Hex color 9D3F17 looks on a white background.

## Color Contrast Check

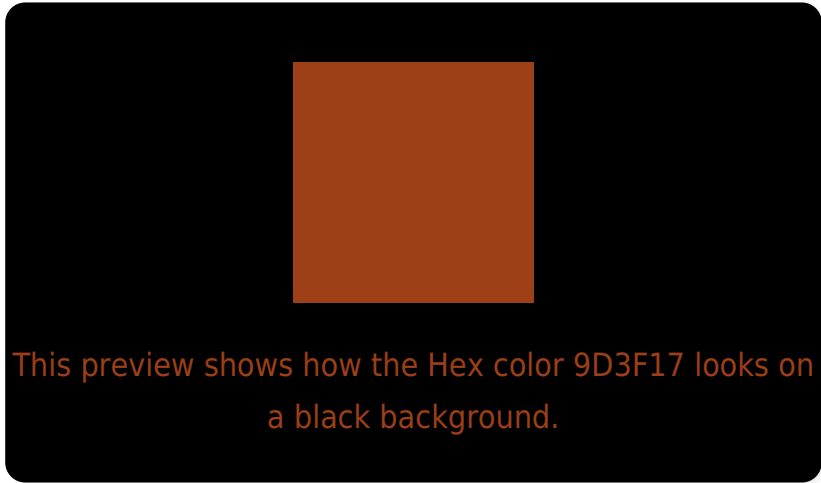
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 9D3F17 Background



This preview shows how black text looks on a background with the Hex color 9D3F17.



This preview shows how white text looks on a background with the Hex color 9D3F17.

# 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**  
9D3F17

**Protanopia**  
685D1F

**Deuteranopia**  
765808



**Tritanopia**  
9E3B3F

# Trichromacy



**Original Color**  
9D3F17

**Protanomaly**  
7B521C

**Deuteranomaly**  
844F0D

**Tritanomaly**  
9E3C30

# Monochromacy



**Original Color**  
9D3F17

**Achromatopsia**  
575757

**Achromatomaly**  
704E40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D3F17 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 #9D3F17 looks like.

```
.text, #text, p{  
    color:#9D3F17  
}
```

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 #9D3F17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D3F17
}
```

## Border

The CSS property to change the border of an element to Hex 9D3F17 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
#9D3F17 }
```

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

```
.border{ border-color:#9D3F17 }
```

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

Here you see how a box with a 4 pixel #9D3F17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D3F17; -webkit-box-shadow:4px 4px  
4px 4px #9D3F17; box-shadow:4px 4px 4px  
4px #9D3F17 }
```

# Background

The CSS property to change the background color of an element to Hex 9D3F17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D3F17 }
```

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

```
.background{ background-color:#9D3F17 }
```

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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