

# Converting Colors

Hex(9D5E17)

Have a look what the booklet for  
Hex(9D5E17) contains.

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**Color**

**Hex(9D5E17)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D5E17
RGB	157, 94, 23
RGB Percent	62%, 37%, 9%
CMY	0.3843, 0.6314, 0.9098
CMYK	0.00, 0.40, 0.85, 0.38
HSL	32°, 74%, 35%
HSV	32°, 85%, 62%
XYZ	18.0620, 15.2354, 2.7994
YIQ	104.7430, 60.3390, -8.7250

# Conversions

## Conversions Part 2

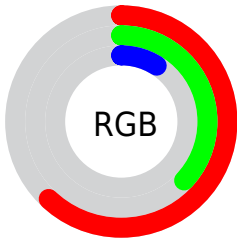
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 157, 23
Decimal	10313239
CIE <sub>Lab</sub>	45.95, 20.41, 47.79
CIE <sub>LCh</sub>	46, 51.968, 66.870
Yxy	15.2354, 0.5004, 0.4221
Android (android.graphics.Color)	4288503319 (0xFF9D5E17)
YUV	104.7430, -40.2993, 45.8294
Hunter-Lab	39.0325, 14.2926, 23.0706

# Details

The Hex color **9D5E17** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **17569D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **D8914A**, and **642F00** is the 20% darker color. If you saturate the color by 10%, you get **9D5707**, and if you desaturate by 10%, it is **9D6527**.

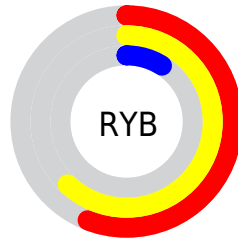
# Distribution



Red (62%)

Green (37%)

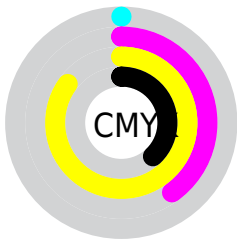
Blue (9%)



Red (56%)

Yellow (62%)

Blue (9%)

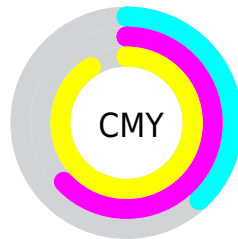


Cyan (0%)

Magenta (40%)

Yellow (85%)

Black (38%)



Cyan (38%)

Magenta (63%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D5E17 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 9D5E17 by changing the saturation by 10% instead.



 9D5E17

 9D5E17

FFFFFF

 804600

 D8914A

 642F00

 F7AB63

 481A00

 FFC77D

 2E0400

 FFE397

 080000

 FFFFB3

 000000

 FFFFCE

 FFFFEB

 9D5E17

 9D5E17

■ 9D5707

■ 9D6527

■ 9D5300

■ 9D6D36

■ 9D7446

■ 9D7C56

■ 9D8366

■ 9D8A75

■ 9D9285

■ 9D9995

■ 9DA0A4

# Harmonies

## Analogous

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



B54C3B



9D5E17



796E02

# Triad

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



9D5E17



008176



7B5DB3

# Complementary

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



9D5E17



17569D

# 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.



006FC4



9D5E17



0080A0

# Square

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



9D5E17



007F49



007ABD



A94990

# Rectangle

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



9D5E17



5C7614



007ABD



6463BB



# Sweetspot

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



9D5E17



CCB397



9D1758



665746



E6E6E6



666666



# Same Dimension

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



9D5E17



CC6C00



9B9D17



4F4B47



8F4C00



0F0800



# Inverse Universe

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



17569D



0060CC



19179D



474B4F



00438F

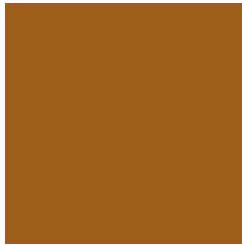


00070F



# Previews

## White Background



This preview shows how the Hex color 9D5E17 looks on a white background.

## Color Contrast Check

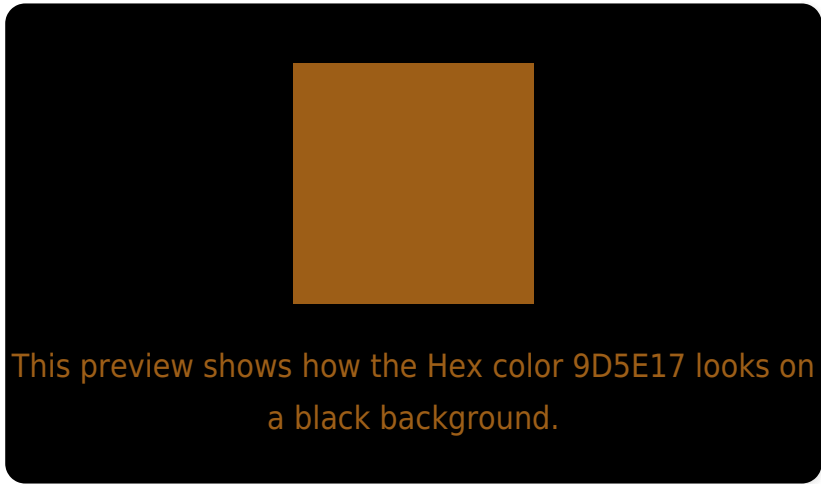
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D5E17 Background



This preview shows how black text looks on a background with the Hex color 9D5E17.



This preview shows how white text looks on a background with the Hex color 9D5E17.

# 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**  
9D5E17

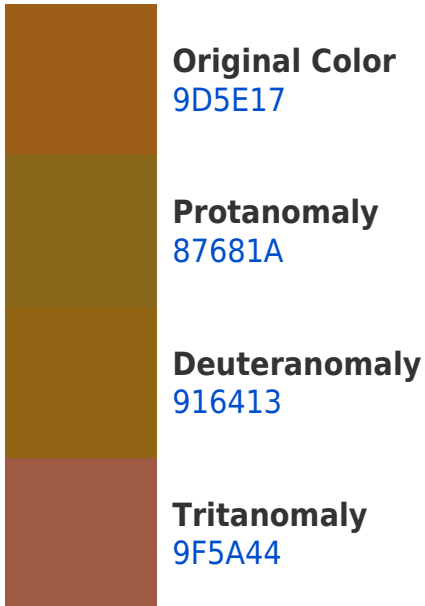
**Protanopia**  
7B6E1B

**Deuteranopia**  
8A6811

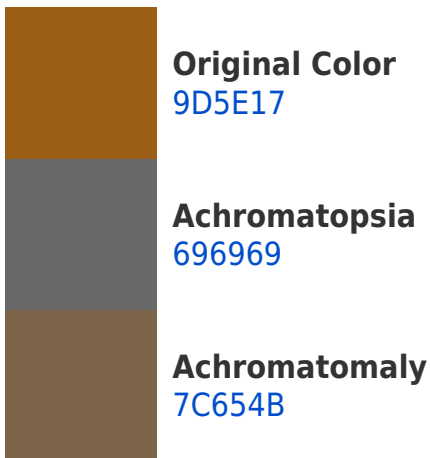


**Tritanopia**  
A0585E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D5E17 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 #9D5E17 looks like.

```
.text, #text, p{  
    color:#9D5E17  
}
```

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 #9D5E17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D5E17
}
```

## Border

The CSS property to change the border of an element to Hex 9D5E17 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
#9D5E17 }
```

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

```
.border{ border-color:#9D5E17 }
```

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

Here you see how a box with a 4 pixel #9D5E17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D5E17; -webkit-box-shadow:4px 4px  
4px 4px #9D5E17; box-shadow:4px 4px 4px  
4px #9D5E17 }
```

# Background

The CSS property to change the background color of an element to Hex 9D5E17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D5E17 }
```

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

```
.background{ background-color:#9D5E17 }
```

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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