

Converting Colors

Hex(9D5917)

Have a look what the booklet for
Hex(9D5917) contains.

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Color

Hex(9D5917)

Conversions

Conversions Part 1

Format	Color
Hex	9D5917
RGB	157, 89, 23
RGB Percent	62%, 35%, 9%
CMY	0.3843, 0.6510, 0.9098
CMYK	0.00, 0.43, 0.85, 0.38
HSL	30°, 74%, 35%
HSV	30°, 85%, 62%
XYZ	17.6317, 14.3747, 2.6559
YIQ	101.8080, 61.7140, -6.1100

Conversions

Conversions Part 2

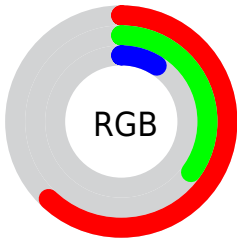
Format	Color
R_{YB}	157, 153, 23
Decimal	10311959
CIE _{Lab}	44.77, 23.24, 46.77
CIE _{LCh}	45, 52.221, 63.576
Yxy	14.3747, 0.5087, 0.4147
Android (android.graphics.Color)	4288502039 (0xFF9D5917)
YUV	101.8080, -38.8523, 48.4034
Hunter-Lab	37.9140, 16.6608, 22.3865

Details

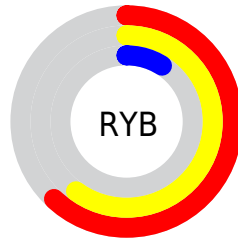
The Hex color **9D5917** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **175B9D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **D88C49**, and **642A00** is the 20% darker color. If you saturate the color by 10%, you get **9D5107**, and if you desaturate by 10%, it is **9D6127**.

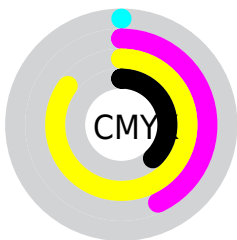
Distribution



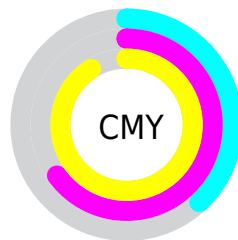
- Red (62%)
- Green (35%)
- Blue (9%)



- Red (62%)
- Yellow (60%)
- Blue (9%)



- Cyan (0%)
- Magenta (43%)
- Yellow (85%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D5917 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 9D5917 by changing the saturation by 10% instead.

 9D5917

 9D5917

FFFFFF

 804100

 D88C49

 642A00

 F7A662

 481400

 FFC17C

 2E0000

 FFDD96

 020000

 FFFAB2

 000000

 FFFFCE

 FFFFEA

 9D5917

 9D5917

■ 9D5107

■ 9D6127

■ 9D4D00

■ 9D6936

■ 9D7146

■ 9D7956

■ 9D8166

■ 9D8975

■ 9D9185

■ 9D9995

■ 9DA1A4

Harmonies

Analogous

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



B3473C



9D5917



7A6A00

Triad

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



9D5917



007E6E



715CB3

Complementary

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



9D5917



175B9D

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.



006DC1



9D5917



007D99

Square

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



9D5917



007B41



0078B8



A24891

Rectangle

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



9D5917



5E720A



0078B8



5762BA

Sweetspot

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



9D5917



CCB197



9D175C



665646



E6E6E6



666666

Same Dimension

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



9D5917



CC6400



9D9B17



4F4B47



8F4600



0F0800

Inverse Universe

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



175B9D



0068CC



17199D



474B4F



00488F



00080F

Previews

White Background



This preview shows how the Hex color 9D5917 looks on a white background.

Color Contrast Check

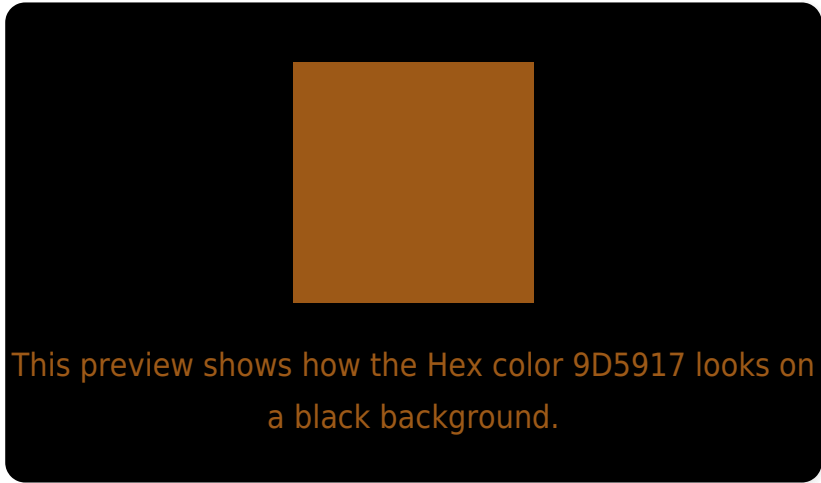
Large Text (above 18pt) WCAG AA ✓ Pass

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

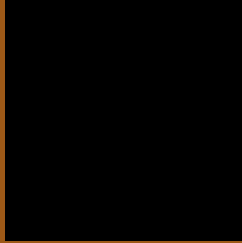
Any Text WCAG AA × Fail

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 9D5917 Background



This preview shows how black text looks on a background with the Hex color 9D5917.



This preview shows how white text looks on a background with the Hex color 9D5917.

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
9D5917

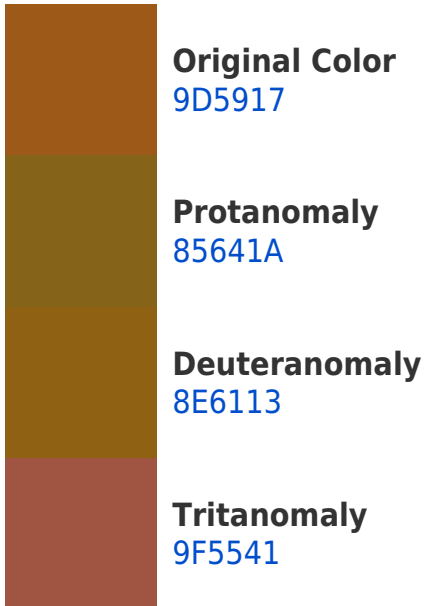
Protanopia
786B1C

Deuteranopia
866510

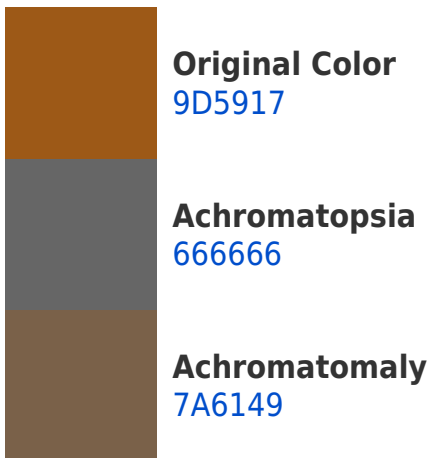


Tritanopia
A05359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D5917 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 #9D5917 looks like.

```
.text, #text, p{  
    color:#9D5917  
}
```

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 #9D5917 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D5917
}
```

Border

The CSS property to change the border of an element to Hex 9D5917 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
#9D5917 }
```

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

```
.border{ border-color:#9D5917 }
```

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

Here you see how a box with a 4 pixel #9D5917 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D5917; -webkit-box-shadow:4px 4px  
4px 4px #9D5917; box-shadow:4px 4px 4px  
4px #9D5917 }
```

Background

The CSS property to change the background color of an element to Hex 9D5917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D5917 }
```

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

```
.background{ background-color:#9D5917 }
```

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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