

# Converting Colors

Hex(9F5517)

Have a look what the booklet for  
Hex(9F5517) contains.

<b>Hex(9F5517)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9F5517)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F5517
RGB	159, 85, 23
RGB Percent	62%, 33%, 9%
CMY	0.3765, 0.6667, 0.9098
CMYK	0.00, 0.47, 0.86, 0.38
HSL	27°, 75%, 36%
HSV	27°, 86%, 62%
XYZ	17.7012, 13.9298, 2.5664
YIQ	100.0580, 64.0060, -3.5940

# Conversions

## Conversions Part 2

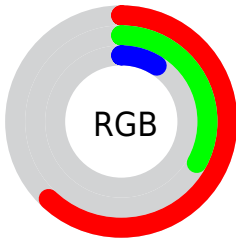
Format	Color
<a href="#">RYB</a>	<a href="#">159, 137, 23</a>
Decimal	<a href="#">10442007</a>
CIELab	<a href="#">44.13, 26.34, 46.33</a>
CIElCh	<a href="#">44, 53.299, 60.378</a>
Yxy	<a href="#">13.9298, 0.5176, 0.4073</a>
Android (android.graphics.Color)	<a href="#">4288632087</a> ( <a href="#">0xFF9F5517</a> )
YUV	<a href="#">100.0580, -37.9896, 51.6921</a>
Hunter-Lab	<a href="#">37.3226, 19.3437, 22.0490</a>

# Details

The Hex color **9F5517** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **17619F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **DB8849**, and **652600** is the 20% darker color. If you saturate the color by 10%, you get **9F4C07**, and if you desaturate by 10%, it is **9F5E27**.

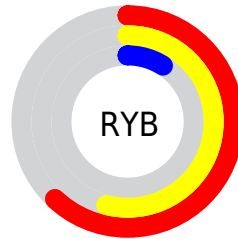
# Distribution



Red (62%)

Green (33%)

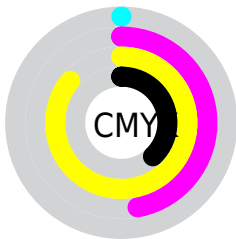
Blue (9%)



Red (62%)

Yellow (54%)

Blue (9%)

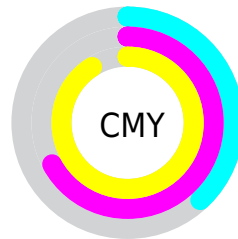


Cyan (0%)

Magenta (47%)

Yellow (86%)

Black (38%)



Cyan (38%)

Magenta (67%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F5517 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 9F5517 by changing the saturation by 10% instead.



 9F5517

 9F5517

FFFFFF

 823D00

 DB8849

 652600

 F9A262

 490F00

 FFBD7B

 2F0000

 FFD996

 030000

 FFF6B1

 000000

 FFFFCD

 FFFF E9

 9F5517

 9F5517

■ 9F4C07

■ 9F5E27

■ 9F4800

■ 9F6637

■ 9F6F47

■ 9F7857

■ 9F8066

■ 9F8976

■ 9F9286

■ 9F9A96

■ 9FA3A6

# Harmonies

## Analogous

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



B4423E



9F5517



7D6700

# Triad

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



9F5517



007D68



675CB5

# Complementary

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



9F5517



17619F

# 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



9F5517



007C94

# Square

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



9F5517



00793A



0078B5



9D4795

# Rectangle

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



9F5517



616F00



0078B5



4A63BC



# Sweetspot

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



9F5517



CFB199



9F1762



695748



E8E8E8



696969



# Same Dimension

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



9F5517



CF5E00



9F9817



4F4B47



8F4100



0F0700



# Inverse Universe

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



17619F



0070CF



171E9F



474B4F



004E8F



00080F



# Previews

## White Background



This preview shows how the Hex color 9F5517 looks on a white background.

## Color Contrast Check

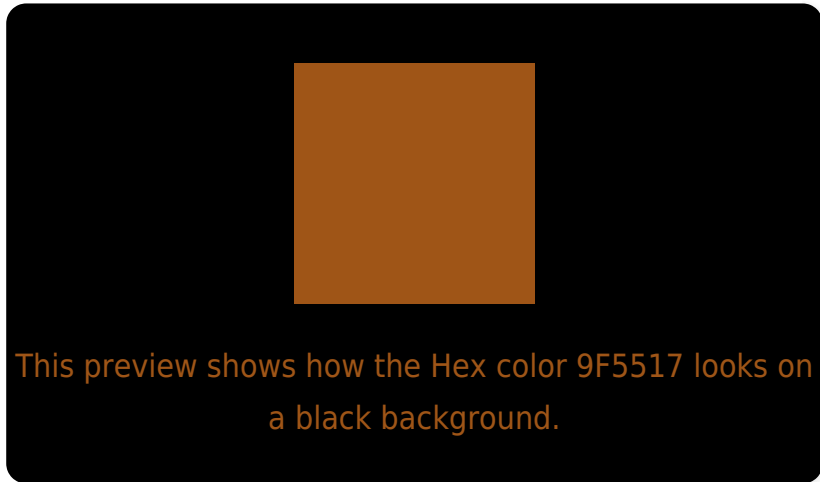
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F5517 Background



This preview shows how black text looks on a background with the Hex color 9F5517.



This preview shows how white text looks on a background with the Hex color 9F5517.

# 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**  
9F5517

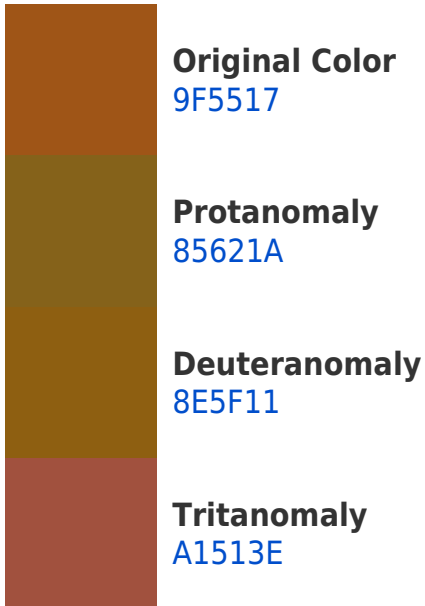
**Protanopia**  
76691C

**Deuteranopia**  
85640E

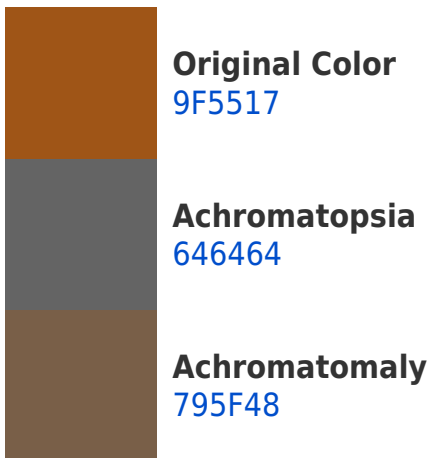


**Tritanopia**  
A24F55

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F5517 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 #9F5517 looks like.

```
.text, #text, p{  
    color:#9F5517  
}
```

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 #9F5517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F5517
}
```

## Border

The CSS property to change the border of an element to Hex 9F5517 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
#9F5517 }
```

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

```
.border{ border-color:#9F5517 }
```

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

Here you see how a box with a 4 pixel #9F5517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F5517; -webkit-box-shadow:4px 4px  
4px 4px #9F5517; box-shadow:4px 4px 4px  
4px #9F5517 }
```

# Background

The CSS property to change the background color of an element to Hex 9F5517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F5517 }
```

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

```
.background{ background-color:#9F5517 }
```

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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