

Converting Colors

Hex(9D5634)

Have a look what the booklet for
Hex(9D5634) contains.

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Color

Hex(9D5634)

Conversions

Conversions Part 1

Format	Color
Hex	9D5634
RGB	157, 86, 52
RGB Percent	62%, 34%, 20%
CMY	0.3843, 0.6627, 0.7961
CMYK	0.00, 0.45, 0.67, 0.38
HSL	19°, 50%, 41%
HSV	19°, 67%, 62%
XYZ	17.8522, 14.0716, 5.0240
YIQ	103.3530, 53.2300, 4.4780

Conversions

Conversions Part 2

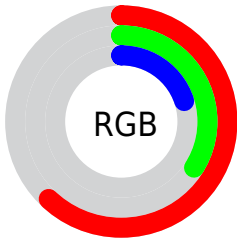
Format	Color
R_{YB}	157, 102, 52
Decimal	10311220
CIE Lab	44.34, 26.28, 32.29
CIE LCh	44, 41.633, 50.864
Yxy	14.0716, 0.4832, 0.3809
Android (android.graphics.Color)	4288501300 (0xFF9D5634)
YUV	103.3530, -25.3170, 47.0484
Hunter-Lab	37.5121, 19.3029, 18.3178

Details

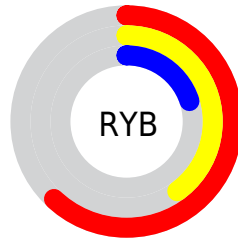
The Hex color **9D5634** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **347B9D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D78964**, and **652706** is the 20% darker color. If you saturate the color by 10%, you get **9D4B24**, and if you desaturate by 10%, it is **9D6144**.

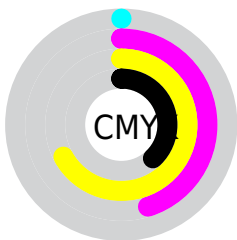
Distribution



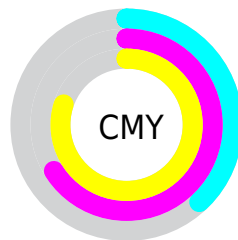
- Red (62%)
- Green (34%)
- Blue (20%)



- Red (62%)
- Yellow (40%)
- Blue (20%)



- Cyan (0%)
- Magenta (45%)
- Yellow (67%)
- Black (38%)



- Cyan (38%)
- Magenta (66%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D5634 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 9D5634 by changing the saturation by 10% instead.

 9D5634

 9D5634

FFFFFF

 813E1E

 D78964

 652706

 F5A37D

 4A1000

 FFBF97

 300000

 FFDBB2

 050000

 FFF7CE

 000000

 FFFFEA

 9D5634

 9D5634

 9D4B24

 9D6144

 9D4115

 9D6B53

 9D3605

 9D7663

 9D3300

 9D8073

 9D8B83

 9D9692

 9DA0A2

 9DABB2

 9DB6C1

Harmonies

Analogous

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



A84B52



9D5634



856321

Triad

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



9D5634



00795D



5864AA

Complementary

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



9D5634



347B9D

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.



0070AD



9D5634



007A80

Square

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



9D5634



3A763B



00779E



895695

Rectangle

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



9D5634



706B20



00779E



4068AD

Sweetspot

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



9D5634



CCB0A3



9D347C



66554E



E6E6E6



666666

Same Dimension

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



9D5634



CC5E29



9D8A34



4F4A47



8F2E00



0F0500

Inverse Universe

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



347B9D



2997CC



34479D



474C4F



00618F



000A0F

Previews

White Background



This preview shows how the Hex color 9D5634 looks on a white background.

Color Contrast Check

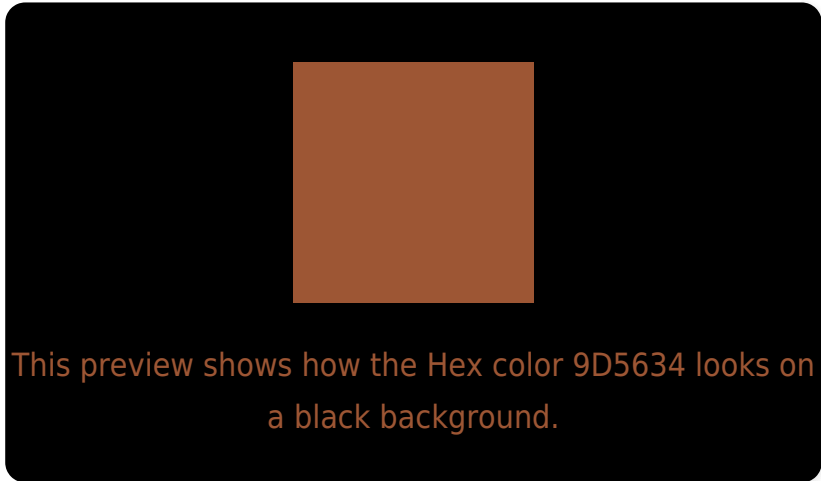
Large Text (above 18pt) WCAG AA ✓ Pass

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

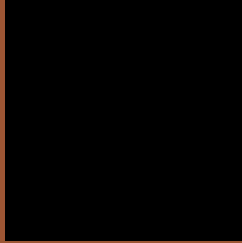
Any Text WCAG AA × Fail

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 9D5634 Background



This preview shows how black text looks on a background with the Hex color 9D5634.



This preview shows how white text looks on a background with the Hex color 9D5634.

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
9D5634

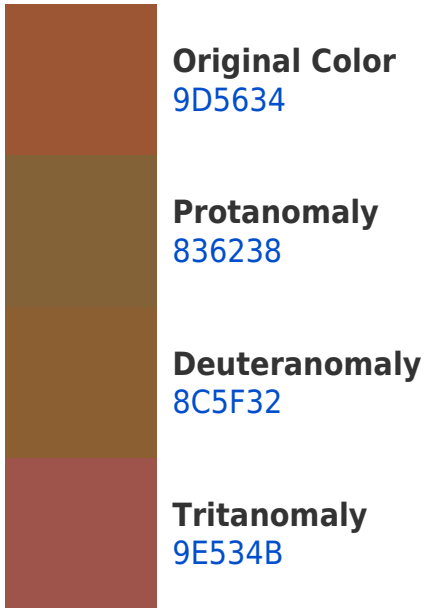
Protanopia
74693B

Deuteranopia
826431

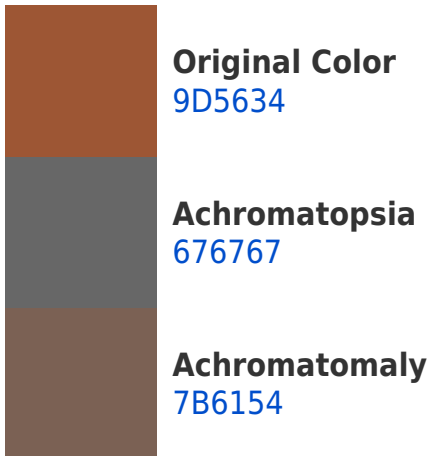


Tritanopia
9F5258

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D5634 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 #9D5634 looks like.

```
.text, #text, p{  
    color:#9D5634  
}
```

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 #9D5634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D5634
}
```

Border

The CSS property to change the border of an element to Hex 9D5634 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
#9D5634 }
```

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

```
.border{ border-color:#9D5634 }
```

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

Here you see how a box with a 4 pixel #9D5634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D5634; -webkit-box-shadow:4px 4px  
4px 4px #9D5634; box-shadow:4px 4px 4px  
4px #9D5634 }
```

Background

The CSS property to change the background color of an element to Hex 9D5634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D5634 }
```

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

```
.background{ background-color:#9D5634 }
```

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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