

Converting Colors

Hex(9E6345)

Have a look what the booklet for
Hex(9E6345) contains.

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Color

Hex(9E6345)

Conversions

Conversions Part 1

Format	Color
Hex	9E6345
RGB	158, 99, 69
RGB Percent	62%, 39%, 27%
CMY	0.3804, 0.6118, 0.7294
CMYK	0.00, 0.37, 0.56, 0.38
HSL	20°, 39%, 45%
HSV	20°, 56%, 62%
XYZ	19.6366, 16.6225, 7.8037
YIQ	113.2210, 44.7940, 3.1780

Conversions

Conversions Part 2

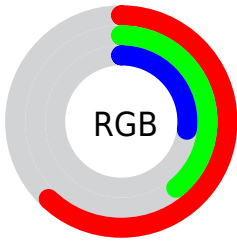
Format	Color
R_{YB}	158, 114, 69
Decimal	10380101
CIE Lab	47.78, 20.67, 26.89
CIE LCh	48, 33.914, 52.457
Yxy	16.6225, 0.4457, 0.3772
Android (android.graphics.Color)	4288570181 (0xFF9E6345)
YUV	113.2210, -21.8010, 39.2712
Hunter-Lab	40.7706, 14.6232, 17.1910

Details

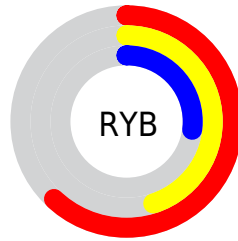
The Hex color **9E6345** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **45809E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **D79676**, and **673419** is the 20% darker color. If you saturate the color by 10%, you get **9E5935**, and if you desaturate by 10%, it is **9E6D55**.

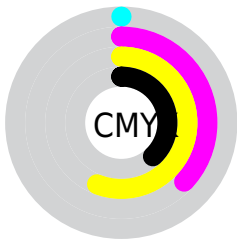
Distribution



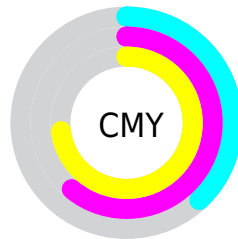
- Red (62%)
- Green (39%)
- Blue (27%)



- Red (62%)
- Yellow (45%)
- Blue (27%)



- Cyan (0%)
- Magenta (37%)
- Yellow (56%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E6345 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 9E6345 by changing the saturation by 10% instead.

 9E6345

 9E6345

FFFFFFF

 824B2E

 D79676

 673419

 F5B190

 4D1D00

 FFCDA A

 330800

 FFE9C6

 170000

 FFFF E2

 000000

FFFFFFE

 9E6345

 9E6345

 9E5935

 9E6D55

 9E4E25

 9E7865

 9E4416

 9E8274

 9E3906

 9E8D84

 9E3500

 9E9794

 9EA2A4

 9EACB4

 9EB7C3

 9EC1D3

Harmonies

Analogous

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



A85B5D



9E6345



896D38

Triad

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



9E6345



1B8069



696DA6

Complementary

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



9E6345



45809E

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.



3176AA



9E6345



008086

Square

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



9E6345



4C7D4D



007D9E



8E6295

Rectangle

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



9E6345



777438



007D9E



5970A9

Sweetspot

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



9E6345



CFB7AB



9E4580



695B54



E8E8E8



696969

Same Dimension

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



9E6345



CF7142



9E8F45



4F4A47



8F3000



0F0500

Inverse Universe

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



45809E



429FCF



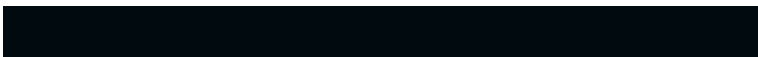
45549E



474C4F



005F8F



000A0F

Previews

White Background



This preview shows how the Hex color 9E6345 looks on a white background.

Color Contrast Check

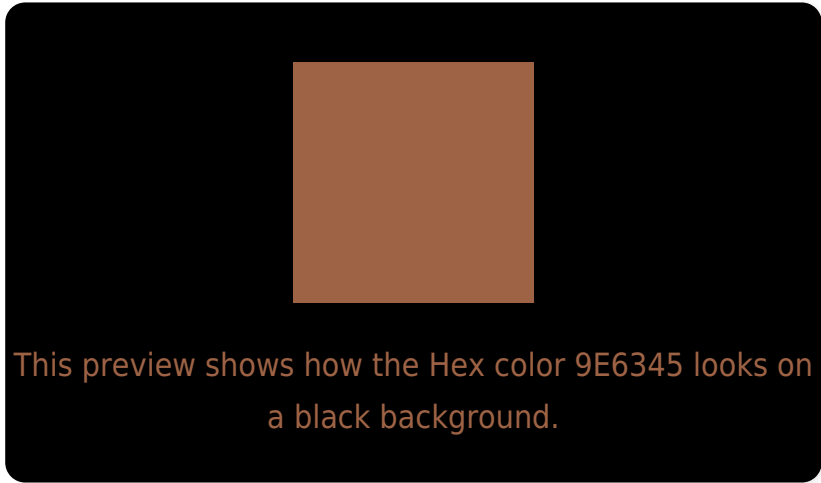
Large Text (above 18pt) WCAG AA ✓ Pass

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

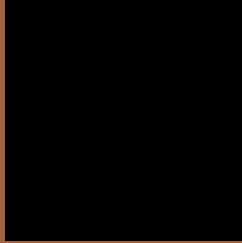
Any Text WCAG AA × Fail

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 9E6345 Background



This preview shows how black text looks on a background with the Hex color 9E6345.



This preview shows how white text looks on a background with the Hex color 9E6345.

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
9E6345

Protanopia
7C724B

Deuteranopia
8A6D43



Tritanopia
A05F66

Trichromacy



Original Color
9E6345

Protanomaly
886D49

Deuteranomaly
916944

Tritanomaly
9F605A

Monochromacy



Original Color
9E6345

Achromatopsia
717171

Achromatomaly
816C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E6345 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 #9E6345 looks like.

```
.text, #text, p{  
    color:#9E6345  
}
```

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 #9E6345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E6345 }  
}
```

Border

The CSS property to change the border of an element to Hex 9E6345 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 #9E6345 }  
}
```

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

```
.border{ border-color:#9E6345 }
```

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

Here you see how a box with a 4 pixel #9E6345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E6345; -webkit-box-shadow:4px 4px  
4px 4px #9E6345; box-shadow:4px 4px 4px  
4px #9E6345 }
```

Background

The CSS property to change the background color of an element to Hex 9E6345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E6345 }
```

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

```
.background{ background-color:#9E6345 }
```

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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