

# Converting Colors

Hex(966550)

Have a look what the booklet for  
Hex(966550) contains.

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**Color**

**Hex(966550)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	966550
RGB	150, 101, 80
RGB Percent	59%, 40%, 31%
CMY	0.4118, 0.6039, 0.6863
CMYK	0.00, 0.33, 0.47, 0.41
HSL	18°, 30%, 45%
HSV	18°, 47%, 59%
XYZ	18.6793, 16.3706, 9.7647
YIQ	113.2570, 35.9450, 3.8570

# Conversions

## Conversions Part 2

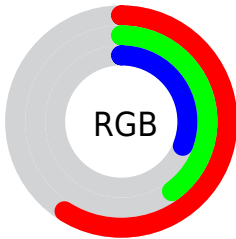
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 110, 80
Decimal	9856336
CIELab	47.46, 17.18, 19.89
CIELCh	47, 26.278, 49.179
Yxy	16.3706, 0.4168, 0.3653
Android (android.graphics.Color)	4288046416 (0xFF966550)
YUV	113.2570, -16.3957, 32.2236
Hunter-Lab	40.4606, 11.6016, 14.0134

# Details

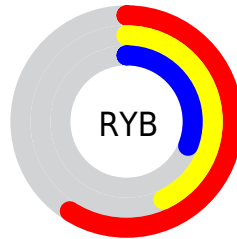
The Hex color **966550** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **508196**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **CE9881**, and **613623** is the 20% darker color. If you saturate the color by 10%, you get **965A41**, and if you desaturate by 10%, it is **96705F**.

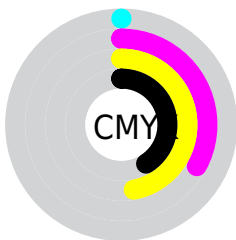
# Distribution



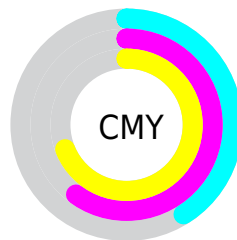
- Red (59%)
- Green (40%)
- Blue (31%)



- Red (59%)
- Yellow (43%)
- Blue (31%)



- Cyan (0%)
- Magenta (33%)
- Yellow (47%)
- Black (41%)



- Cyan (41%)
- Magenta (60%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 966550 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 966550 by changing the saturation by 10% instead.



 966550

 966550

FFFFFF

 7B4D39

 CE9881

 613623

 EBB39B

 47200E

 FFCFB6

 2F0B00

 FFEBD2

 0F0000

 FFFFEE

 000000

 966550

 966550

 965A41

 96705F

 965032

 967A6E

 964623

 96857D

 963B14

 968F8C

 963105

 969A9B

 962D00

 96A4AA

 96AFB9

 96B9C8

 96C4D7

# Harmonies

## Analogous

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



9C6063



966550



876C45

# Triad

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



966550



3C7C68



686E9A

# Complementary

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



966550



508196

# 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.



44759C



966550



227C7E

# Square

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



966550



587953



237A91



85668E

# Rectangle

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



966550



797144



237A91



5C709C



# Sweetspot

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



966550



C2AFA7



965081



615550



E0E0E0



616161



# Same Dimension

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



966550



C27655



968850



4A4543



8A2900



0A0300



# Inverse Universe

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



508196



55A1C2



505E96



43484A



00608A



00070A



# Previews

## White Background



This preview shows how the Hex color 966550 looks on a white background.

## Color Contrast Check

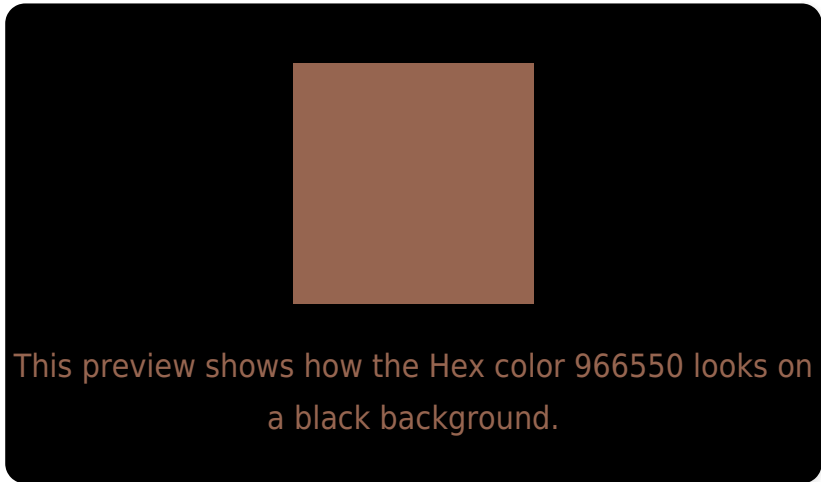
Large Text (above 18pt) WCAG AA ✓ Pass

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 966550 Background



This preview shows how black text looks on a background with the Hex color 966550.



This preview shows how white text looks on a background with the Hex color 966550.

# 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**  
966550

**Protanopia**  
797155

**Deuteranopia**  
876C4F



**Tritanopia**  
986269

# Trichromacy



**Original Color**  
966550

**Protanomaly**  
846D53

**Deuteranomaly**  
8C694F

**Tritanomaly**  
976360

# Monochromacy



**Original Color**  
966550

**Achromatopsia**  
717171

**Achromatomaly**  
7E6D65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 966550 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 #966550 looks like.

```
.text, #text, p{  
    color:#966550  
}
```

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 #966550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #966550
}
```

## Border

The CSS property to change the border of an element to Hex 966550 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
#966550 }
```

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

```
.border{ border-color:#966550 }
```

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

Here you see how a box with a 4 pixel #966550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #966550; -webkit-box-shadow:4px 4px  
4px 4px #966550; box-shadow:4px 4px 4px  
4px #966550 }
```

# Background

The CSS property to change the background color of an element to Hex 966550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#966550 }
```

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

```
.background{ background-color:#966550 }
```

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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