

# Converting Colors

Hex(965B3C)

Have a look what the booklet for  
Hex(965B3C) contains.

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**Color**

**Hex(965B3C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	965B3C
RGB	150, 91, 60
RGB Percent	59%, 36%, 24%
CMY	0.4118, 0.6431, 0.7647
CMYK	0.00, 0.39, 0.60, 0.41
HSL	21°, 43%, 41%
HSV	21°, 60%, 59%
XYZ	17.1344, 14.2924, 6.1306
YIQ	105.1070, 45.1150, 2.8670

# Conversions

## Conversions Part 2

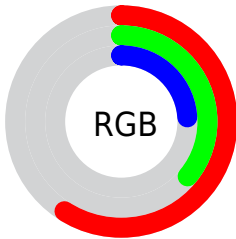
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 107, 60
Decimal	9853756
CIELab	44.65, 21.03, 27.91
CIELCh	45, 34.950, 53.000
Yxy	14.2924, 0.4562, 0.3805
Android (android.graphics.Color)	4288043836 (0xFF965B3C)
YUV	105.1070, -22.2378, 39.3712
Hunter-Lab	37.8054, 14.7415, 16.8491

# Details

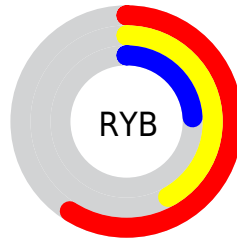
The Hex color **965B3C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3C7796**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **CF8E6C**, and **5F2C10** is the 20% darker color. If you saturate the color by 10%, you get **96512D**, and if you desaturate by 10%, it is **96654B**.

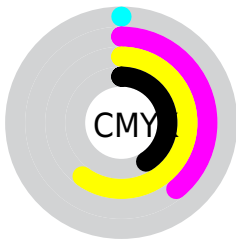
# Distribution



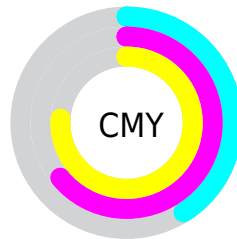
- Red (59%)
- Green (36%)
- Blue (24%)



- Red (59%)
- Yellow (42%)
- Blue (24%)



- Cyan (0%)
- Magenta (39%)
- Yellow (60%)
- Black (41%)



- Cyan (41%)
- Magenta (64%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 965B3C 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 965B3C by changing the saturation by 10% instead.



 965B3C

 965B3C

FFFFFF

 7A4326

 CF8E6C

 5F2C10

 EDA886

 451600

 FFC4A0

 2C0000

 FFE0BB

 000000

 FFFCD7

 FFFFF3

 965B3C

 965B3C

 96512D

 96654B

■ 96471E

■ 966F5A

■ 963E0F

■ 967969

■ 963400

■ 968278

■ 968C87

■ 969696

■ 96A0A5

■ 96AAB4

■ 96B3C3

# Harmonies

## Analogous

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



A05354



965B3C



81662F

# Triad

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



965B3C



007862



61659F

# Complementary

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



965B3C



3C7796

# 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.



226FA3



965B3C



00787F

# Square

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



965B3C



427545



007597



87598D

# Rectangle

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



965B3C



6F6C2F



007597



5068A2



# Sweetspot

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



965B3C



C2AB9F



963C78



61534C



E0E0E0



616161



# Same Dimension

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



965B3C



C26636



96873C



4A4543



8A2F00



0A0400



# Inverse Universe

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



3C7796



3692C2



3C4B96



43474A



005A8A



00070A



# Previews

## White Background



This preview shows how the Hex color 965B3C looks on a white background.

## Color Contrast Check

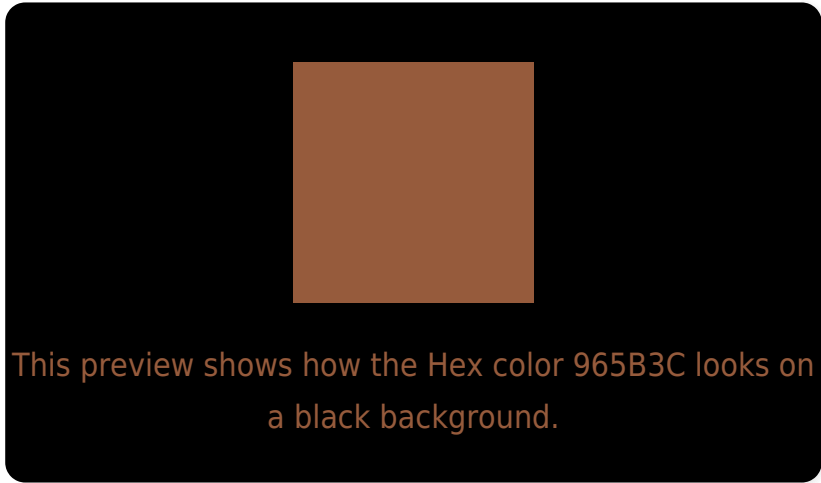
Large Text (above 18pt) WCAG AA ✓ Pass

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

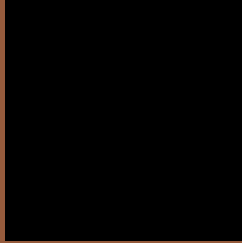
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 965B3C Background



This preview shows how black text looks on a background with the Hex color 965B3C.



This preview shows how white text looks on a background with the Hex color 965B3C.

# 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**  
965B3C

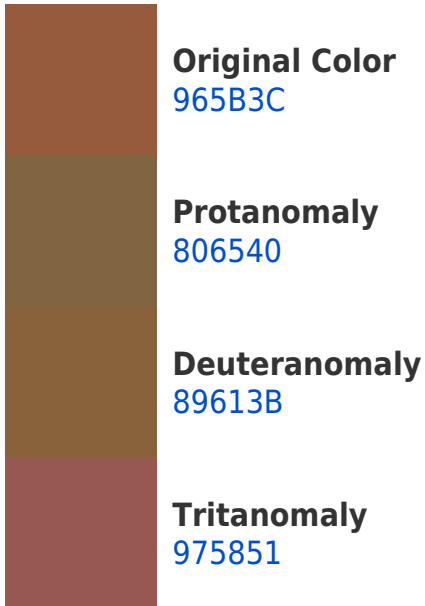
**Protanopia**  
746A42

**Deuteranopia**  
82653A

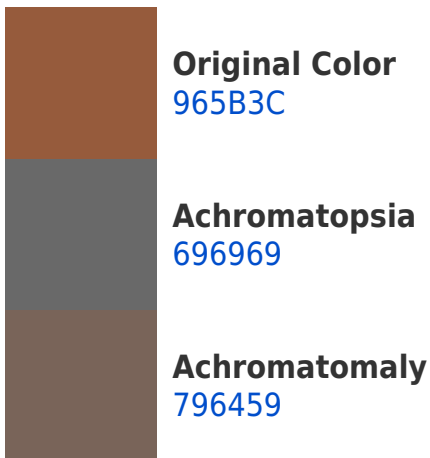


**Tritanopia**  
98575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 965B3C 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 #965B3C looks like.

```
.text, #text, p{  
    color:#965B3C  
}
```

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 #965B3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #965B3C
}
```

## Border

The CSS property to change the border of an element to Hex 965B3C 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
#965B3C }
```

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

```
.border{ border-color:#965B3C }
```

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

Here you see how a box with a 4 pixel #965B3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #965B3C; -webkit-box-shadow:4px 4px  
4px 4px #965B3C; box-shadow:4px 4px 4px  
4px #965B3C }
```

# Background

The CSS property to change the background color of an element to Hex 965B3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#965B3C }
```

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

```
.background{ background-color:#965B3C }
```

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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