

Converting Colors

Hex(965F44)

Have a look what the booklet for
Hex(965F44) contains.

Hex(965F44)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(965F44)

Conversions

Conversions Part 1

Format	Color
Hex	965F44
RGB	150, 95, 68
RGB Percent	59%, 37%, 27%
CMY	0.4118, 0.6275, 0.7333
CMYK	0.00, 0.37, 0.55, 0.41
HSL	20°, 38%, 43%
HSV	20°, 55%, 59%
XYZ	17.7133, 15.0858, 7.4471
YIQ	108.3670, 41.4470, 3.2630

Conversions

Conversions Part 2

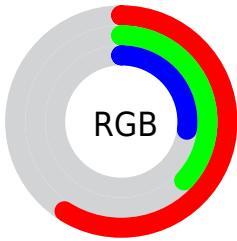
Format	Color
R_{YB}	150, 108, 68
Decimal	9854788
CIE _{Lab}	45.75, 19.43, 24.68
CIE _{LCh}	46, 31.408, 51.786
Yxy	15.0858, 0.4401, 0.3748
Android (android.graphics.Color)	4288044868 (0xFF965F44)
YUV	108.3670, -19.9009, 36.5121
Hunter-Lab	38.8404, 13.4345, 15.8203

Details

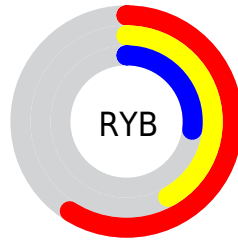
The Hex color **965F44** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **447B96**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **CF9275**, and **603018** is the 20% darker color. If you saturate the color by 10%, you get **965535**, and if you desaturate by 10%, it is **966953**.

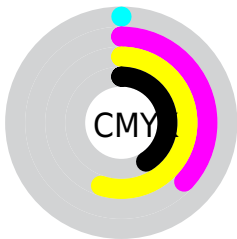
Distribution



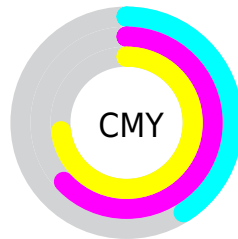
- Red (59%)
- Green (37%)
- Blue (27%)



- Red (59%)
- Yellow (42%)
- Blue (27%)



- Cyan (0%)
- Magenta (37%)
- Yellow (55%)
- Black (41%)



- Cyan (41%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 965F44 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 965F44 by changing the saturation by 10% instead.

 965F44

 965F44

FFFFFF

 7B472D

 CF9275

 603018

 ECAD8E

 461A00

 FFC8A9

 2D0400

 FFE4C4

 030000

 FFFFEO

 000000

FFFFFFD

 965F44

 965F44

 965535

 966953

 964B26

 967362

 964117

 967D71

 963708

 968780

 963100

 96918F

 969B9E

 96A5AD

 96AFBC

 96BACB

Harmonies

Analogous

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



9F585A



965F44



836838

Triad

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



965F44



227A64



64689D

Complementary

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



965F44



447B96

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.



3371A0



965F44



007A7F

Square

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



965F44



4B774B



007795



865E8D

Rectangle

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



965F44



736E38



007795



556BA0

Sweetspot

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



965F44



C2ADA3



96447C



61554E



E0E0E0



616161

Same Dimension

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



965F44



C26C42



968744



4A4543



8A2D00



0A0300

Inverse Universe

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



447B96



4298C2



445396



43484A



005C8A



00070A

Previews

White Background



This preview shows how the Hex color 965F44 looks on a white background.

Color Contrast Check

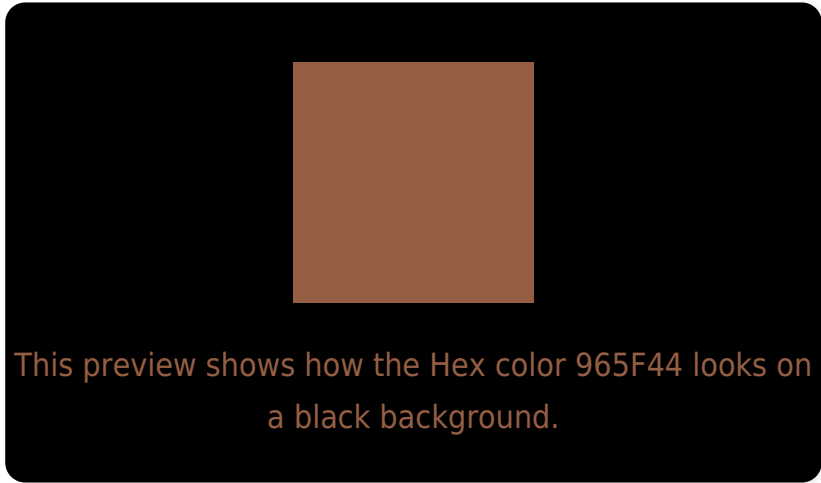
Large Text (above 18pt) WCAG AA ✓ Pass

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

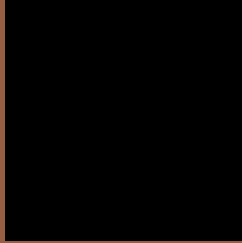
Any Text WCAG AA × Fail

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 965F44 Background



This preview shows how black text looks on a background with the Hex color 965F44.



This preview shows how white text looks on a background with the Hex color 965F44.

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
965F44

Protanopia
766D49

Deuteranopia
846842



Tritanopia
985B62

Trichromacy



Original Color
965F44

Protanomaly
826847

Deuteranomaly
8B6543

Tritanomaly
975C57

Monochromacy



Original Color
965F44

Achromatopsia
6C6C6C

Achromatomaly
7B675D

CSS Examples

Text

The CSS property to change the color of the text to Hex 965F44 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 #965F44 looks like.

```
.text, #text, p{  
    color:#965F44  
}
```

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 #965F44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #965F44
}
```

Border

The CSS property to change the border of an element to Hex 965F44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

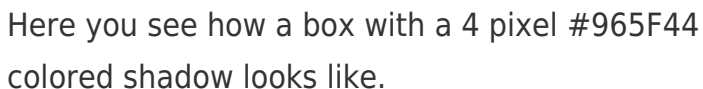
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#965F44 }
```

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

```
.border{ border-color:#965F44 }
```

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



Here you see how a box with a 4 pixel #965F44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #965F44; -webkit-box-shadow:4px 4px  
4px 4px #965F44; box-shadow:4px 4px 4px  
4px #965F44 }
```

Background

The CSS property to change the background color of an element to Hex 965F44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#965F44 }
```

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

```
.background{ background-color:#965F44 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor