

Converting Colors

Hex(967A36)

Have a look what the booklet for
Hex(967A36) contains.

Hex(967A36)	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(967A36)

Conversions

Conversions Part 1

Format	Color
Hex	967A36
RGB	150, 122, 54
RGB Percent	59%, 48%, 21%
CMY	0.4118, 0.5216, 0.7882
CMYK	0.00, 0.19, 0.64, 0.41
HSL	43°, 47%, 40%
HSV	43°, 64%, 59%
XYZ	20.2031, 20.6694, 6.4148
YIQ	122.6200, 38.5160, -15.2120

Conversions

Conversions Part 2

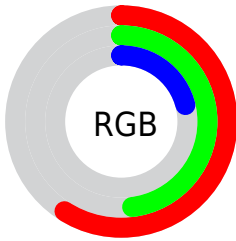
Format	Color
R_{YB}	94, 150, 54
Decimal	9861686
CIE _{Lab}	52.59, 2.77, 40.43
CIE _{LCh}	53, 40.524, 86.081
Yxy	20.6694, 0.4272, 0.4371
Android (android.graphics.Color)	4288051766 (0xFF967A36)
YUV	122.6200, -33.8297, 24.0123
Hunter-Lab	45.4637, -0.2399, 23.4589

Details

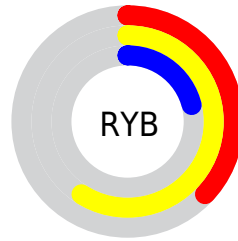
The Hex color **967A36** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **365296**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **CFAE67**, and **604A03** is the 20% darker color. If you saturate the color by 10%, you get **967627**, and if you desaturate by 10%, it is **967E45**.

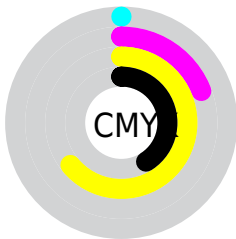
Distribution



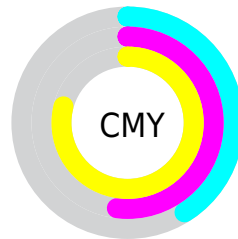
- Red (59%)
- Green (48%)
- Blue (21%)



- Red (37%)
- Yellow (59%)
- Blue (21%)



- Cyan (0%)
- Magenta (19%)
- Yellow (64%)
- Black (41%)



- Cyan (41%)
- Magenta (52%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 967A36 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 967A36 by changing the saturation by 10% instead.

 967A36

 967A36

FFFFFF

 7B611E

 CFAE67

 604A03

 ECC981

 473300

 FFE69C

 2D1E00

 FFFFB7

 130700

 FFFFD3

 000000

 FFFFF0

 967A36

 967A36

 967627

 967E45

■ 967118

■ 968354

■ 966D09

■ 968763

■ 966A00

■ 968C72

■ 969081

■ 969490

■ 96999F

■ 969DAE

■ 96A1BD

Harmonies

Analogous

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



B06D45



967A36



74853C

Triad

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



967A36



008F9B



A469A5

Complementary

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



967A36



365296

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.



7976BC



967A36



008BB6

Square

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



967A36



008F78



3083C3



BB6084

Rectangle

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



967A36



588A4B



3083C3



986DAE

Sweetspot

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



967A36



C2B79D



963653



615A4B



E0E0E0



616161

Same Dimension

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



967A36



C2962D



839636



4A4843



8A6200



0A0700

Inverse Universe

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



365296



2D58C2



493696



43454A



00288A



00030A

Previews

White Background



This preview shows how the Hex color 967A36 looks on a white background.

Color Contrast Check

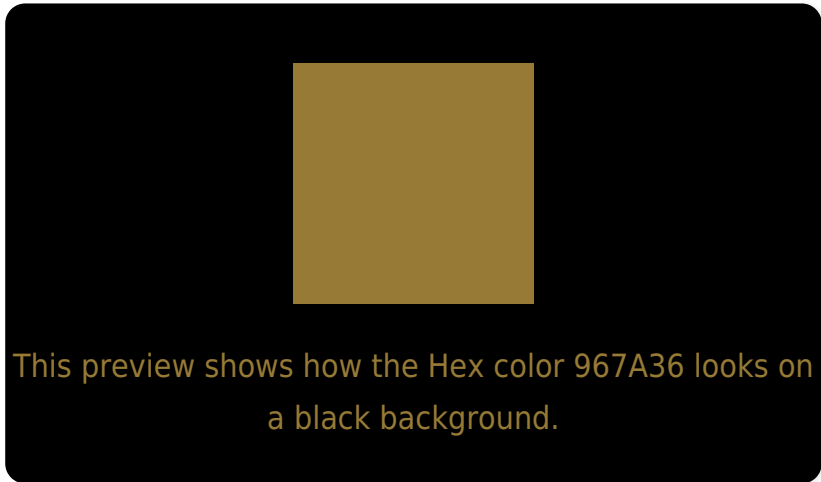
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 967A36 Background



This preview shows how black text looks on a background with the Hex color 967A36.



This preview shows how white text looks on a background with the Hex color 967A36.

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
967A36

Protanopia
8C7E37

Deuteranopia
9C7837



Tritanopia
9C737B

Trichromacy



Original Color
967A36

Protanomaly
907D37

Deuteranomaly
9A7937

Tritanomaly
9A7662

Monochromacy



Original Color
967A36

Achromatopsia
7B7B7B

Achromatomaly
857B62

CSS Examples

Text

The CSS property to change the color of the text to Hex 967A36 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 #967A36 looks like.

```
.text, #text, p{  
    color:#967A36  
}
```

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 #967A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #967A36
}
```

Border

The CSS property to change the border of an element to Hex 967A36 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
#967A36 }
```

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

```
.border{ border-color:#967A36 }
```

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

Here you see how a box with a 4 pixel #967A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #967A36; -webkit-box-shadow:4px 4px  
4px 4px #967A36; box-shadow:4px 4px 4px  
4px #967A36 }
```

Background

The CSS property to change the background color of an element to Hex 967A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#967A36 }
```

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

```
.background{ background-color:#967A36 }
```

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