

Converting Colors

Hex(947138)

Have a look what the booklet for
Hex(947138) contains.

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Color

Hex(947138)

Conversions

Conversions Part 1

Format	Color
Hex	947138
RGB	148, 113, 56
RGB Percent	58%, 44%, 22%
CMY	0.4196, 0.5569, 0.7804
CMYK	0.00, 0.24, 0.62, 0.42
HSL	37°, 45%, 40%
HSV	37°, 62%, 58%
XYZ	18.8317, 18.3917, 6.2988
YIQ	116.9670, 39.1570, -10.3070

Conversions

Conversions Part 2

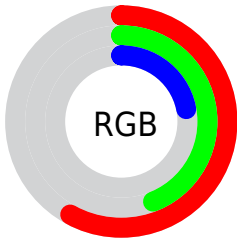
Format	Color
R_{YB}	112, 148, 56
Decimal	9728312
CIE _{Lab}	49.97, 7.14, 36.39
CIE _{LCh}	50, 37.082, 78.892
Yxy	18.3917, 0.4327, 0.4226
Android (android.graphics.Color)	4287918392 (0xFF947138)
YUV	116.9670, -30.0567, 27.2159
Hunter-Lab	42.8855, 3.3324, 21.3117

Details

The Hex color **947138** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **385B94**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **CCA569**, and **5E4108** is the 20% darker color. If you saturate the color by 10%, you get **946B29**, and if you desaturate by 10%, it is **947747**.

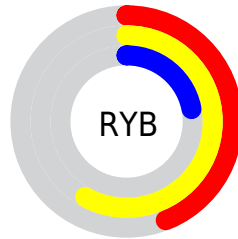
Distribution



Red (58%)

Green (44%)

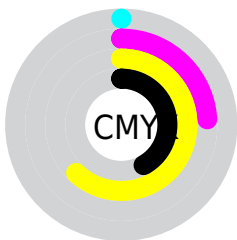
Blue (22%)



Red (44%)

Yellow (58%)

Blue (22%)

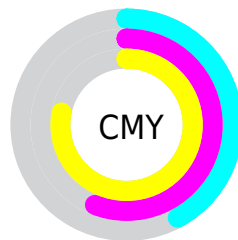


Cyan (0%)

Magenta (24%)

Yellow (62%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 947138 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 947138 by changing the saturation by 10% instead.

 947138

 947138

FFFFFF

 795920

 CCA569

 5E4108


 EAC083

 452B00

 FFDC9D

 2B1700

 FFF8B8

 110000

 FFFFD4

 000000

 FFFFF1

 947138

 947138

 946B29

 947747

 94661A

 947C56

 94600C

 948264

 945C00

 948873

 948D82

 949391

 9498A0

 949EAE

 94A4BD

Harmonies

Analogous

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



AA6649



947138



767B39

Triad

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



947138



00878A



9267A1

Complementary

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



947138



385B94

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.



6773B2



947138



0084A6

Square

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



947138



1B866A



1D7EB4



AC5E84

Rectangle

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



947138



5F8044



1D7EB4



866BA8

Sweetspot

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



947138



BFB19B



94385B



61584B



E0E0E0



616161

Same Dimension

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



947138



BF8930



899438



4A4743



8A5500



0A0600

Inverse Universe

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



385B94



3066BF



433894



43454A



00348A



00040A

Previews

White Background



This preview shows how the Hex color 947138 looks on a white background.

Color Contrast Check

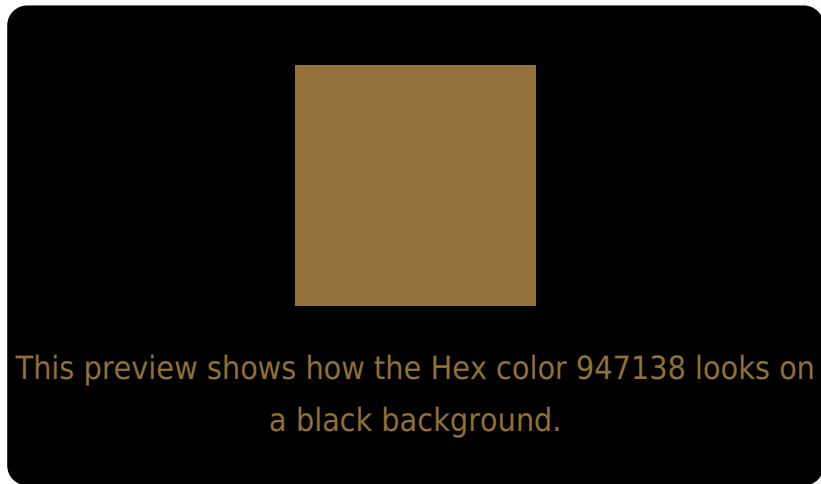
Large Text (above 18pt) WCAG AA ✓ Pass

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 947138 Background



This preview shows how black text looks on a background with the Hex color 947138.



This preview shows how white text looks on a background with the Hex color 947138.

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
947138

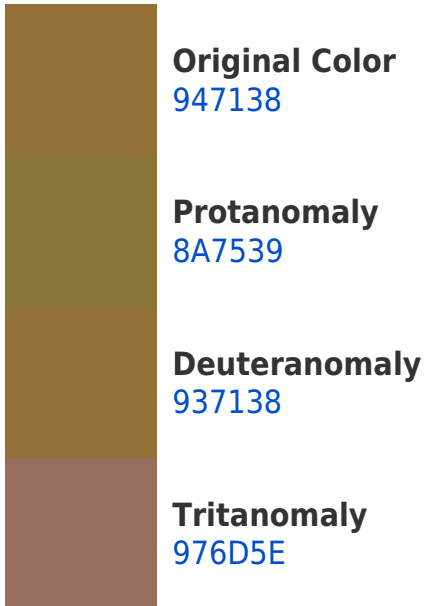
Protanopia
84773A

Deuteranopia
937138

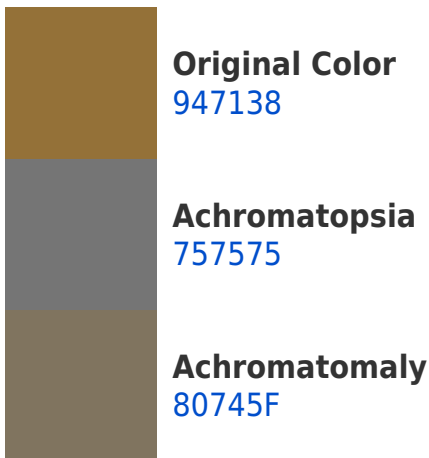


Tritanopia
996B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 947138 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 #947138 looks like.

```
.text, #text, p{  
    color:#947138  
}
```

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 #947138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947138
}
```

Border

The CSS property to change the border of an element to Hex 947138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

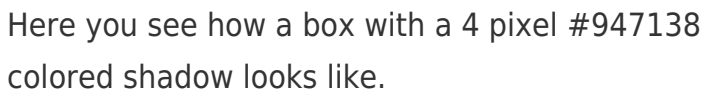
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#947138 }
```

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

```
.border{ border-color:#947138 }
```

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



Here you see how a box with a 4 pixel #947138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947138; -webkit-box-shadow:4px 4px  
4px 4px #947138; box-shadow:4px 4px 4px  
4px #947138 }
```

Background

The CSS property to change the background color of an element to Hex 947138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947138 }
```

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

```
.background{ background-color:#947138 }
```

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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