

# Converting Colors

Hex(947362)

Have a look what the booklet for  
Hex(947362) contains.

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**Color**

**Hex(947362)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	947362
RGB	148, 115, 98
RGB Percent	58%, 45%, 38%
CMY	0.4196, 0.5490, 0.6157
CMYK	0.00, 0.22, 0.34, 0.42
HSL	20°, 20%, 48%
HSV	20°, 34%, 58%
XYZ	20.5481, 19.4392, 14.2244
YIQ	122.9290, 25.1250, 1.7090

# Conversions

## Conversions Part 2

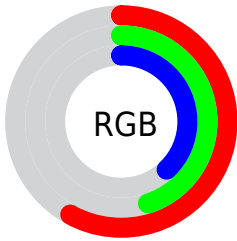
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 124, 98
Decimal	9728866
CIE <sub>Lab</sub>	51.20, 10.44, 14.38
CIE <sub>LCh</sub>	51, 17.769, 54.000
Yxy	19.4392, 0.3790, 0.3586
Android (android.graphics.Color)	4287918946 (0xFF947362)
YUV	122.9290, -12.2900, 21.9873
Hunter-Lab	44.0899, 6.0325, 11.7346

# Details

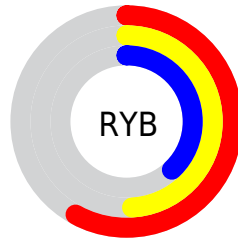
The Hex color **947362** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **628394**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **CBA795**, and **604333** is the 20% darker color. If you saturate the color by 10%, you get **946953**, and if you desaturate by 10%, it is **947D71**.

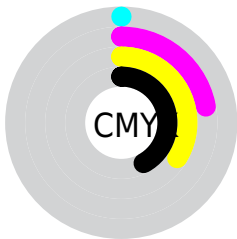
# Distribution



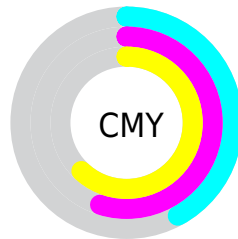
- Red (58%)
- Green (45%)
- Blue (38%)



- Red (58%)
- Yellow (49%)
- Blue (38%)



- Cyan (0%)
- Magenta (22%)
- Yellow (34%)
- Black (42%)



- Cyan (42%)
- Magenta (55%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 947362 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 947362 by changing the saturation by 10% instead.



 947362

 947362

FFFFFF

 7A5A4A

 CBA795

 604333

 E7C2AF

 472D1E

 FFDECB

 301806

 FFFBE7

 1A0000

 000000

 947362

 947362

 946953

 947D71

 945F44

 948780

 945636

 94908E

 944C27

 949A9D

 944218

 94A4AC

 943809

 94AE8B

 943200

 94B7CA

 94C1D8

 94CBE7

# Harmonies

## Analogous

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



99706E



947362



88785C

# Triad

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



947362



578276



787796

# Complementary

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



947362



628394

# 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.



647C98



947362



4F8286

# Square

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



947362



678068



538092



8B728C

# Rectangle

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



947362



7E7B5C



538092



727997



# Sweetspot

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



947362



BFB3AC



946283



615955



E0E0E0



616161



# Same Dimension

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



947362



BF8B71



948C62



4A4543



8A2F00



0A0300



# Inverse Universe

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



628394



71A5BF



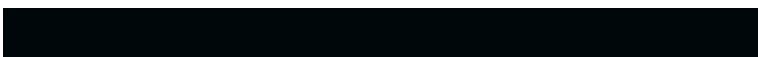
626A94



43474A



005B8A



00070A



# Previews

## White Background



This preview shows how the Hex color 947362 looks on a white background.

## Color Contrast Check

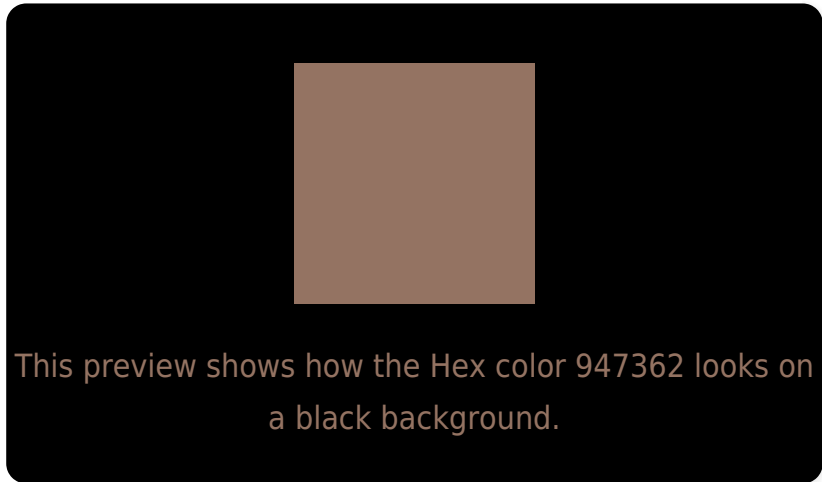
Large Text (above 18pt) WCAG AA ✓ Pass

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 947362 Background



This preview shows how black text looks on a background with the Hex color 947362.



This preview shows how white text looks on a background with the Hex color 947362.

# 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**  
947362

**Protanopia**  
817A65

**Deuteranopia**  
8E7562



**Tritanopia**  
967078

# Trichromacy



**Original Color**  
947362

**Protanomaly**  
887764

**Deuteranomaly**  
907462

**Tritanomaly**  
957170

# Monochromacy



**Original Color**  
947362

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
847872

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 947362 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 #947362 looks like.

```
.text, #text, p{  
    color:#947362  
}
```

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 #947362 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947362
}
```

## Border

The CSS property to change the border of an element to Hex 947362 is called "border". The border property can be set on classes, ids or directly on the HTML element.

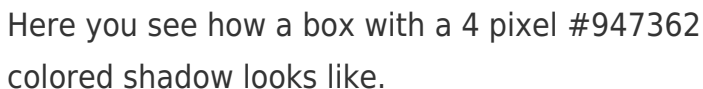
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#947362 }
```

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

```
.border{ border-color:#947362 }
```

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



Here you see how a box with a 4 pixel #947362 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947362; -webkit-box-shadow:4px 4px  
4px 4px #947362; box-shadow:4px 4px 4px  
4px #947362 }
```

# Background

The CSS property to change the background color of an element to Hex 947362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947362 }
```

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

```
.background{ background-color:#947362 }
```

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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