

# Converting Colors

Hex(947250)

Have a look what the booklet for  
Hex(947250) contains.

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**Color**

**Hex(947250)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	947250
RGB	148, 114, 80
RGB Percent	58%, 45%, 31%
CMY	0.4196, 0.5529, 0.6863
CMYK	0.00, 0.23, 0.46, 0.42
HSL	30°, 30%, 45%
HSV	30°, 46%, 58%
XYZ	19.6780, 18.9097, 10.2022
YIQ	120.2900, 31.1780, -3.3660

# Conversions

## Conversions Part 2

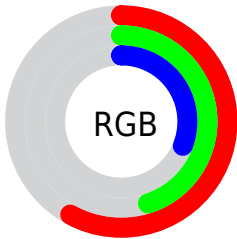
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 148, 80
Decimal	9728592
CIE <sub>Lab</sub>	50.58, 8.80, 23.96
CIE <sub>LCh</sub>	51, 25.522, 69.826
Yxy	18.9097, 0.4033, 0.3876
Android (android.graphics.Color)	4287918672 (0xFF947250)
YUV	120.2900, -19.8630, 24.3017
Hunter-Lab	43.4853, 4.6758, 16.5295

# Details

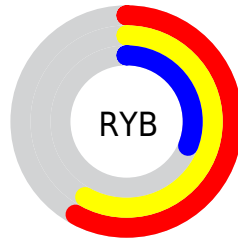
The Hex color **947250** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **507294**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **CCA682**, and **5F4223** is the 20% darker color. If you saturate the color by 10%, you get **946B41**, and if you desaturate by 10%, it is **94795F**.

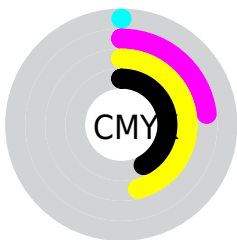
# Distribution



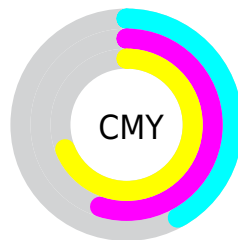
- Red (58%)
- Green (45%)
- Blue (31%)



- Red (58%)
- Yellow (58%)
- Blue (31%)



- Cyan (0%)
- Magenta (23%)
- Yellow (46%)
- Black (42%)



- Cyan (42%)
- Magenta (55%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 947250 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 947250 by changing the saturation by 10% instead.



 947250

 947250

FFFFFF

 795A39

 CCA682

 5F4223

 E8C19C

 462C0D

 FFDDB7

 2E1700

 FFF9D2

 160000

 FFFFEF

 000000

 947250

 947250

 946B41

 94795F

 946332

 94816E

 945C24

 94887C

 945415

 94908B

 944D06

 94979A

 944A00

 949EA9

 94A6B8

 94ADC6

 94B5D5

# Harmonies

## Analogous

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



A16B5E



947250



80794D

# Triad

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



947250



36847F



84709A

# Complementary

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



947250



507294

# 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.



6678A3



947250



2E8394

# Square

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



947250



4E8369



447FA1



9A6A88

# Rectangle

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



947250



717E52



447FA1



7B739E



# Sweetspot

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



947250



BFB2A4



945072



615950



E0E0E0



616161



# Same Dimension

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



947250



BF8B56



949450



4A4643



8A4500



0A0500



# Inverse Universe

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



507294



568BBF



505094



43464A



00458A

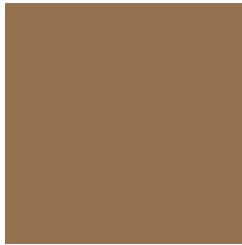


00050A



# Previews

## White Background



This preview shows how the Hex color 947250 looks on a white background.

## Color Contrast Check

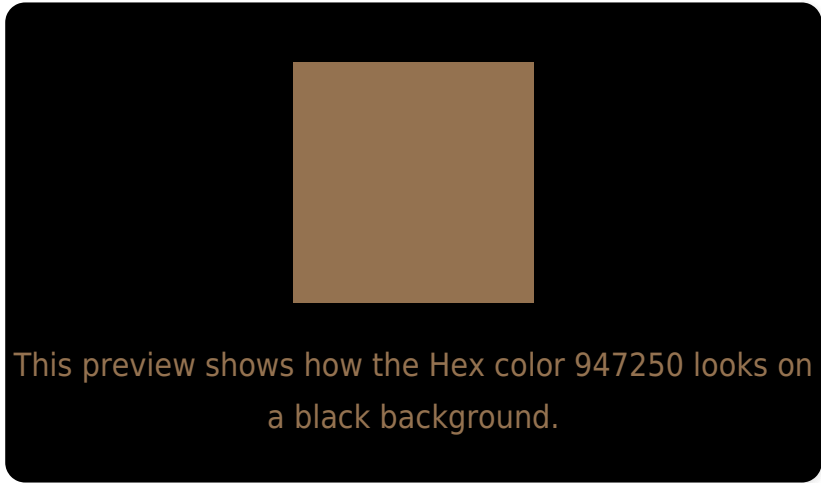
Large Text (above 18pt) WCAG AA ✓ Pass

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

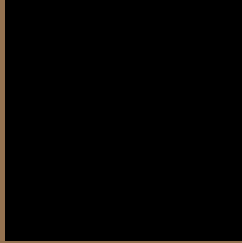
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 947250 Background



This preview shows how black text looks on a background with the Hex color 947250.



This preview shows how white text looks on a background with the Hex color 947250.

# 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**  
947250

**Protanopia**  
827953

**Deuteranopia**  
917350



**Tritanopia**  
976D76

# Trichromacy



**Original Color**  
947250

**Protanomaly**  
897652

**Deuteranomaly**  
927350

**Tritanomaly**  
966F68

# Monochromacy



**Original Color**  
947250

**Achromatopsia**  
787878

**Achromatomaly**  
827669

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 947250 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 #947250 looks like.

```
.text, #text, p{  
    color:#947250  
}
```

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 #947250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947250
}
```

## Border

The CSS property to change the border of an element to Hex 947250 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
#947250 }
```

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

```
.border{ border-color:#947250 }
```

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

Here you see how a box with a 4 pixel #947250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947250; -webkit-box-shadow:4px 4px  
4px 4px #947250; box-shadow:4px 4px 4px  
4px #947250 }
```

# Background

The CSS property to change the background color of an element to Hex 947250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947250 }
```

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

```
.background{ background-color:#947250 }
```

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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