

Converting Colors

Hex(947224)

Have a look what the booklet for
Hex(947224) contains.

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Color

Hex(947224)

Conversions

Conversions Part 1

Format	Color
Hex	947224
RGB	148, 114, 36
RGB Percent	58%, 45%, 14%
CMY	0.4196, 0.5529, 0.8588
CMYK	0.00, 0.23, 0.76, 0.42
HSL	42°, 61%, 36%
HSV	42°, 76%, 58%
XYZ	18.5485, 18.4579, 4.2542
YIQ	115.2740, 45.3020, -17.0500

Conversions

Conversions Part 2

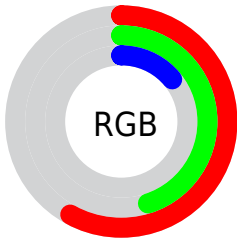
Format	Color
RYB	85, 148, 36
Decimal	9728548
CIELab	50.05, 5.33, 46.01
CIELCh	50, 46.317, 83.386
Yxy	18.4579, 0.4495, 0.4473
Android (android.graphics.Color)	4287918628 (0xFF947224)
YUV	115.2740, -39.0821, 28.7007
Hunter-Lab	42.9627, 1.8801, 24.2029

Details

The Hex color **947224** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **244694**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **CDA656**, and **5D4200** is the 20% darker color. If you saturate the color by 10%, you get **946E15**, and if you desaturate by 10%, it is **947633**.

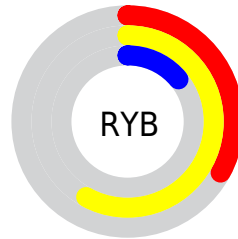
Distribution



Red (58%)

Green (45%)

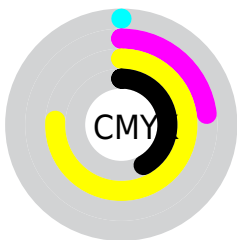
Blue (14%)



Red (33%)

Yellow (58%)

Blue (14%)

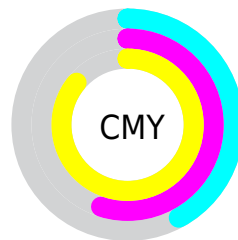


Cyan (0%)

Magenta (23%)

Yellow (76%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 947224 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 947224 by changing the saturation by 10% instead.

 947224

 947224

FFFFFF

 785A07

 CDA656

 5D4200

 EBC170

 432C00

 FFDC8A

 2A1800

 FFF9A5

 0E0000

 FFFFC1

 000000

 FFFFDD

 FFFFFA

 947224

 947224

■ 946E15

■ 947633

■ 946906

■ 947B42

■ 946700

■ 947F50

■ 94845F

■ 94886E

■ 948D7D

■ 94918C

■ 94969A

■ 949AA9

Harmonies

Analogous

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



B06338



947224



6E7E29

Triad

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



947224



008A95



9F60A7

Complementary

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



947224



244694

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.



6970C0



947224



0087B6

Square

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



947224



008A6D



007EC5



BA5481

Rectangle

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



947224



50843B



007EC5



9065B1

Sweetspot

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



947224



BFB293



942447



615946



E0E0E0



616161

Same Dimension

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



947224



BF8A11



7F9424



4A4843



8A6000



0A0700

Inverse Universe

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



244694



1146BF



392494



43454A



002A8A



00030A

Previews

White Background



This preview shows how the Hex color 947224 looks on a white background.

Color Contrast Check

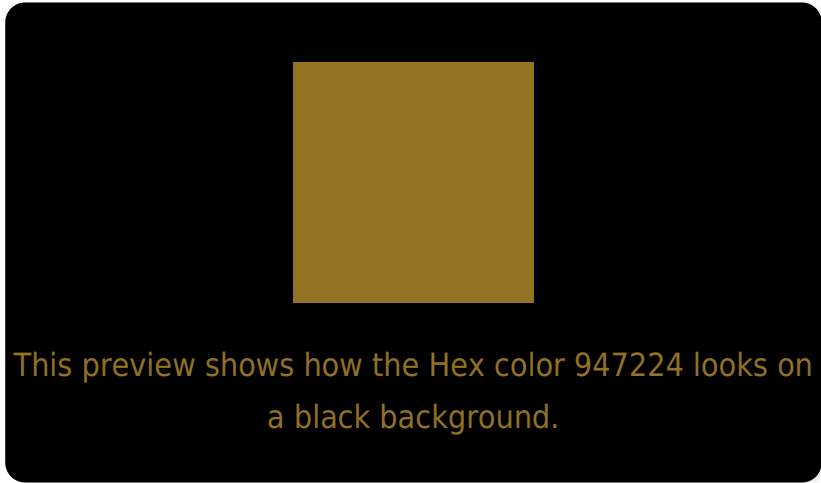
Large Text (above 18pt) WCAG AA ✓ Pass

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 947224 Background



This preview shows how black text looks on a background with the Hex color 947224.



This preview shows how white text looks on a background with the Hex color 947224.

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
947224

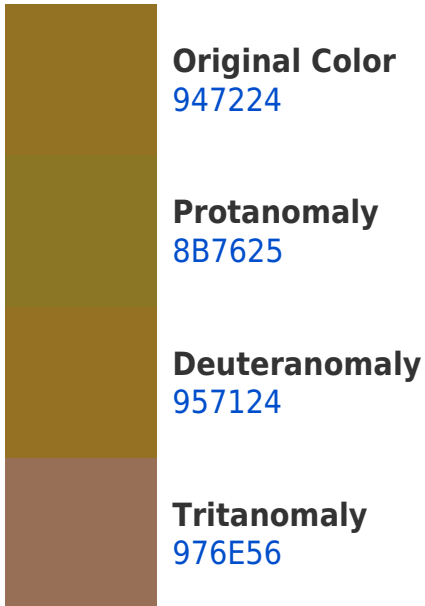
Protanopia
867825

Deuteranopia
967124

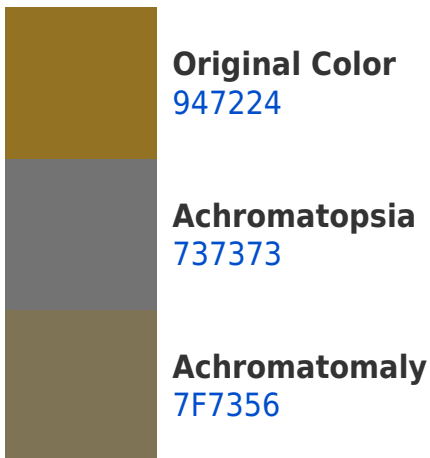


Tritanopia
996B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 947224 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 #947224 looks like.

```
.text, #text, p{  
    color:#947224  
}
```

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 #947224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947224
}
```

Border

The CSS property to change the border of an element to Hex 947224 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
#947224 }
```

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

```
.border{ border-color:#947224 }
```

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

Here you see how a box with a 4 pixel #947224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947224; -webkit-box-shadow:4px 4px  
4px 4px #947224; box-shadow:4px 4px 4px  
4px #947224 }
```

Background

The CSS property to change the background color of an element to Hex 947224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947224 }
```

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

```
.background{ background-color:#947224 }
```

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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