

# Converting Colors

Hex(947702)

Have a look what the booklet for  
Hex(947702) contains.

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**Color**

**Hex(947702)**

# Conversions

## Conversions Part 1

Format	Color
Hex	947702
RGB	148, 119, 2
RGB Percent	58%, 47%, 1%
CMY	0.4196, 0.5333, 0.9922
CMYK	0.00, 0.20, 0.99, 0.42
HSL	48°, 97%, 29%
HSV	48°, 99%, 58%
XYZ	18.8205, 19.4939, 2.8282
YIQ	114.3330, 54.8410, -30.2390

# Conversions

## Conversions Part 2

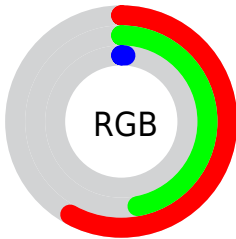
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 148, 2
Decimal	9729794
CIE <sub>Lab</sub>	51.26, 1.52, 56.74
CIE <sub>LCh</sub>	51, 56.755, 88.470
Yxy	19.4939, 0.4574, 0.4738
Android (android.graphics.Color)	4287919874 (0xFF947702)
YUV	114.3330, -55.3802, 29.5260
Hunter-Lab	44.1519, -1.1772, 27.1085

# Details

The Hex color **947702** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **021F94**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **CEAB42**, and **5D4700** is the 20% darker color. If you saturate the color by 10%, you get **947700**, and if you desaturate by 10%, it is **947A11**.

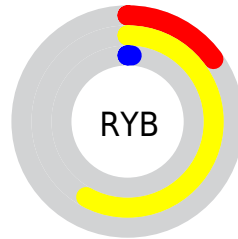
# Distribution



Red (58%)

Green (47%)

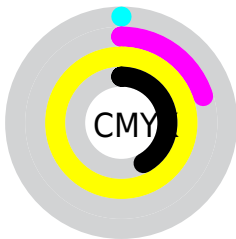
Blue (1%)



Red (15%)

Yellow (58%)

Blue (1%)

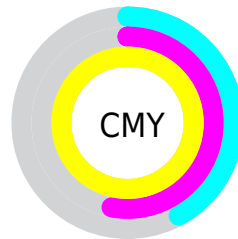


Cyan (0%)

Magenta (20%)

Yellow (99%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 947702 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 947702 by changing the saturation by 10% instead.





947702



947702

FFFFFF



785F00



CEAB42



5D4700



ECC65C



423100



FFE277



281C00



FFFE92



0B0300



FFFFAD



000000



FFFCA



FFFFE6



947702



947702

■ 947700

■ 947A11

■ 947D20

■ 94802E

■ 94833D

■ 94864C

■ 94895B

■ 948C6A

■ 948F78

■ 949187

# Harmonies

## Analogous

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



B96425



947702



648518

# Triad

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



947702



0090A7



B258AE

# Complementary

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



947702



021F94

# 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.



746ED0



947702



008CCC

# Square

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



947702



009076



0081DB



CE4A7F

# Rectangle

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



947702



398B35



0081DB



A25FBB



# Sweetspot

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



947702



BFB486



94021F



615A3E



E0E0E0



616161



# Same Dimension

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



947702



BF9900



689402



4A4843



8A6E00



0A0800



# Inverse Universe

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



021F94



0026BF



2E0294



43444A



001B8A

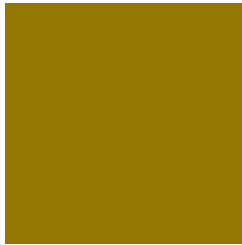


00020A



# Previews

## White Background



This preview shows how the Hex color 947702 looks on a white background.

## Color Contrast Check

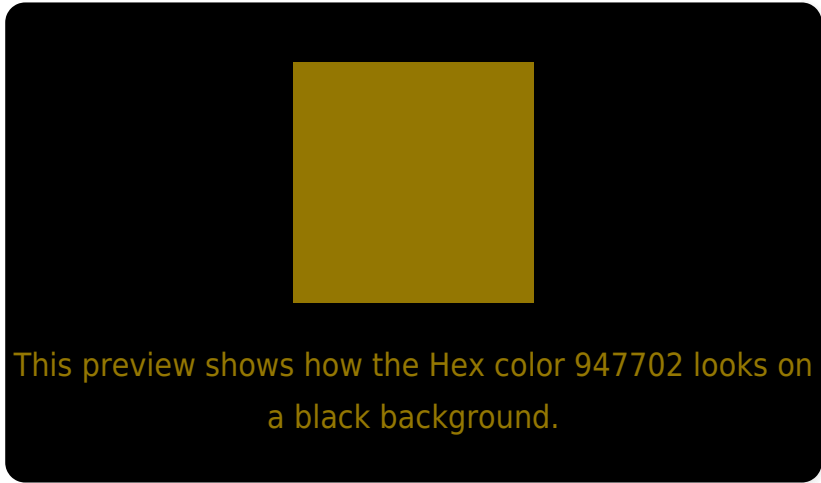
Large Text (above 18pt) WCAG AA ✓ Pass

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 947702 Background



This preview shows how black text looks on a background with the Hex color 947702.

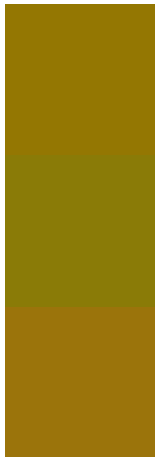


This preview shows how white text looks on a background with the Hex color 947702.

# 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**  
947702

**Protanopia**  
8A7B07

**Deuteranopia**  
9B740B



**Tritanopia**  
9A6F77

# Trichromacy



**Original Color**  
947702

**Protanomaly**  
8E7A05

**Deuteranomaly**  
987508

**Tritanomaly**  
98724C

# Monochromacy



**Original Color**  
947702

**Achromatopsia**  
727272

**Achromatomaly**  
7E7449

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 947702 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 #947702 looks like.

```
.text, #text, p{  
    color:#947702  
}
```

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 #947702 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947702
}
```

## Border

The CSS property to change the border of an element to Hex 947702 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
#947702 }
```

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

```
.border{ border-color:#947702 }
```

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

Here you see how a box with a 4 pixel #947702 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947702; -webkit-box-shadow:4px 4px  
4px 4px #947702; box-shadow:4px 4px 4px  
4px #947702 }
```

# Background

The CSS property to change the background color of an element to Hex 947702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947702 }
```

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

```
.background{ background-color:#947702 }
```

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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