

Converting Colors

Hex(948602)

Have a look what the booklet for
Hex(948602) contains.

Hex(948602)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(948602)

Conversions

Conversions Part 1

Format	Color
Hex	948602
RGB	148, 134, 2
RGB Percent	58%, 53%, 1%
CMY	0.4196, 0.4745, 0.9922
CMYK	0.00, 0.09, 0.99, 0.42
HSL	54°, 97%, 29%
HSV	54°, 99%, 58%
XYZ	20.7488, 23.3505, 3.4709
YIQ	123.1380, 50.7160, -38.0840

Conversions

Conversions Part 2

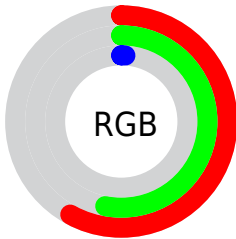
Format	Color
R_{YB}	17, 148, 2
Decimal	9733634
CIE Lab	55.43, -6.83, 59.74
CIE LCh	55, 60.132, 96.525
Yxy	23.3505, 0.4362, 0.4909
Android (android.graphics.Color)	4287923714 (0xFF948602)
YUV	123.1380, -59.7210, 21.8040
Hunter-Lab	48.3223, -7.9192, 29.5669

Details

The Hex color **948602** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **021094**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **CEBB45**, and **5D5500** is the 20% darker color. If you saturate the color by 10%, you get **948600**, and if you desaturate by 10%, it is **948711**.

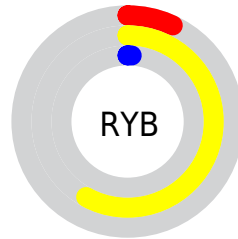
Distribution



Red (58%)

Green (53%)

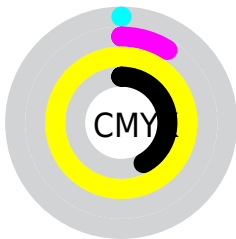
Blue (1%)



Red (7%)

Yellow (58%)

Blue (1%)

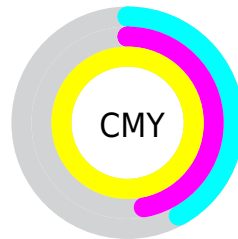


Cyan (0%)

Magenta (9%)

Yellow (99%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 948602 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 948602 by changing the saturation by 10% instead.

 948602

 948602

FFFFFF

 786D00

 CEBB45

 5D5500

 EBD660

 423E00

 FFF37B

 292800

 FFFF96

 0D1500

 FFFFB2

 000000

 FFFFCE

 FFFFEB

 948602

 948602

■ 948600

■ 948711

■ 948920

■ 948A2E

■ 948C3D

■ 948D4C

■ 948F5B

■ 94906A

■ 949178

■ 949387

Harmonies

Analogous

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



BF731E



948602



5D9328

Triad

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



948602



009CC2



CC5BAF

Complementary

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



948602



021094

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.



9572D9



948602



0095E4

Square

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



948602



009D8F



0087ED



E2507C

Rectangle

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



948602



1F9848



0087ED



BE62BF

Sweetspot

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



948602



BFBA86



940211



615E3E



E0E0E0



616161

Same Dimension

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



948602



BFAD00



5A9402



4A4943



8A7C00



0A0900

Inverse Universe

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



021094



0012BF



3C0294



43434A



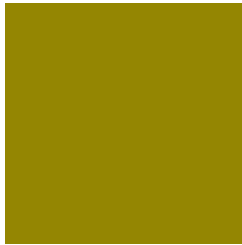
000D8A



00010A

Previews

White Background



This preview shows how the Hex color 948602 looks on a white background.

Color Contrast Check

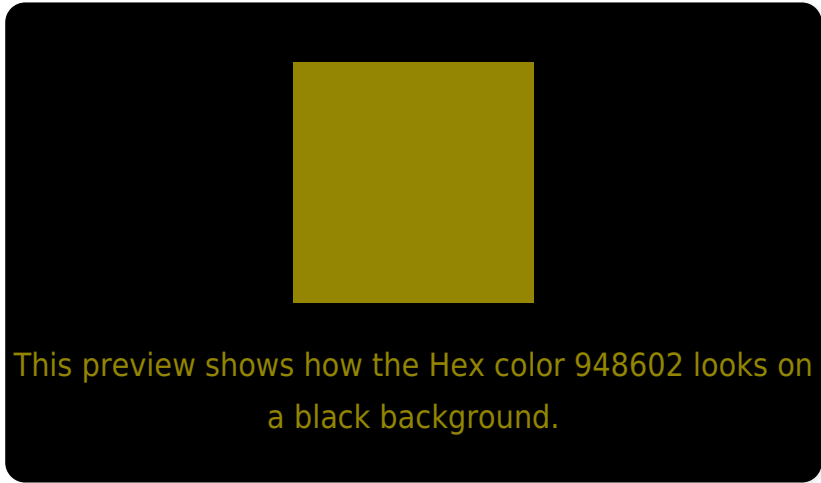
Large Text (above 18pt) WCAG AA ✓ Pass

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 948602 Background



This preview shows how black text looks on a background with the Hex color 948602.



This preview shows how white text looks on a background with the Hex color 948602.

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
948602

Protanopia
968500

Deuteranopia
A87E12

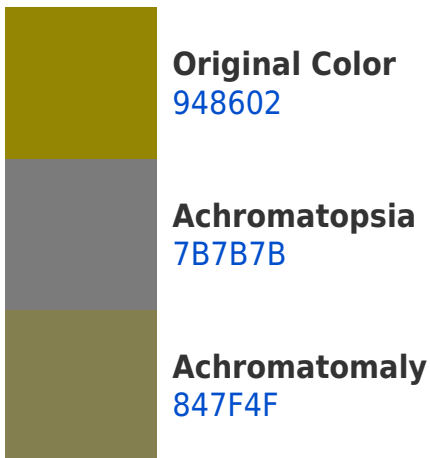


Tritanopia
9C7D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 948602 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 #948602 looks like.

```
.text, #text, p{  
    color:#948602  
}
```

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 #948602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948602
}
```

Border

The CSS property to change the border of an element to Hex 948602 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
#948602 }
```

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

```
.border{ border-color:#948602 }
```

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

Here you see how a box with a 4 pixel #948602 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948602; -webkit-box-shadow:4px 4px  
4px 4px #948602; box-shadow:4px 4px 4px  
4px #948602 }
```

Background

The CSS property to change the background color of an element to Hex 948602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948602 }
```

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

```
.background{ background-color:#948602 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor