

# Converting Colors

Hex(988446)

Have a look what the booklet for  
Hex(988446) contains.

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**Color**

**Hex(988446)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	988446
RGB	152, 132, 70
RGB Percent	60%, 52%, 27%
CMY	0.4039, 0.4824, 0.7255
CMYK	0.00, 0.13, 0.54, 0.40
HSL	45°, 37%, 44%
HSV	45°, 54%, 60%
XYZ	22.3056, 23.6201, 9.1779
YIQ	130.9120, 31.8220, -15.0420

# Conversions

## Conversions Part 2

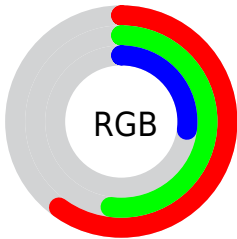
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 152, 70
Decimal	9995334
CIE Lab	55.71, -0.66, 35.94
CIE LCh	56, 35.945, 91.060
Yxy	23.6201, 0.4048, 0.4286
Android (android.graphics.Color)	4288185414 (0xFF988446)
YUV	130.9120, -30.0296, 18.4942
Hunter-Lab	48.6005, -3.1268, 22.8239

# Details

The Hex color **988446** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **465A98**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **D0B978**, and **635316** is the 20% darker color. If you saturate the color by 10%, you get **988037**, and if you desaturate by 10%, it is **988855**.

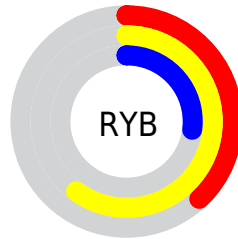
# Distribution



Red (60%)

Green (52%)

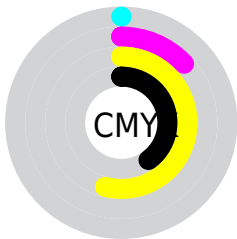
Blue (27%)



Red (38%)

Yellow (60%)

Blue (27%)

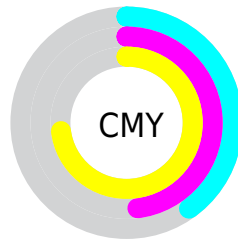


Cyan (0%)

Magenta (13%)

Yellow (54%)

Black (40%)



Cyan (40%)

Magenta (48%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 988446 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 988446 by changing the saturation by 10% instead.



 988446

 988446

FFFFFF

 7D6B2E

 D0B978

 635316

 EDD492

 493C00

 FFF1AD

 312600

 FFFFC9

 181200

 FFFF E5

 000000

 988446

 988446

 988037

 988855

 987D28

 988B64

 987918

 988F74

 987509

 989383

 987300

 989792

 989AA1

 989EB0

 98A2C0

 98A5CF

# Harmonies

## Analogous

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



B17950



988446



788D4F

# Triad

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



988446



0095A5



AD72A4

# Complementary

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



988446



465A98

# 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.



8A7DBB



988446



0091BB

# Square

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



988446



179686



5688C4



BF6C86

# Rectangle

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



988446



5F915D



5688C4



A375AD



# Sweetspot

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



988446



C4BDA5



98465B



635F51



E3E3E3



636363



# Same Dimension

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



988446



C4A545



849846



4D4B45



8C6A00



0D0A00



# Inverse Universe

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



465A98



4564C4



5B4698



45474D



00228C



00030D



# Previews

## White Background



This preview shows how the Hex color 988446 looks on a white background.

## Color Contrast Check

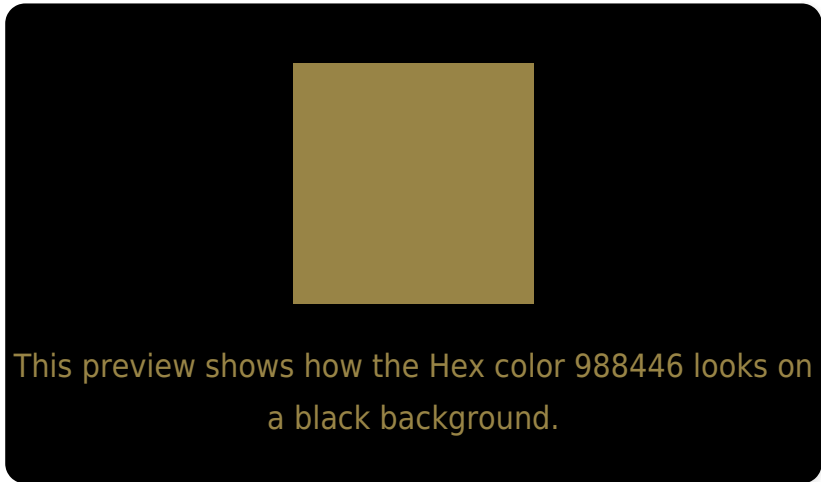
Large Text (above 18pt) WCAG AA ✓ Pass

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

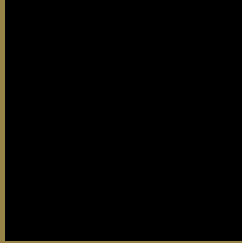
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 988446 Background



This preview shows how black text looks on a background with the Hex color 988446.



This preview shows how white text looks on a background with the Hex color 988446.

# 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**  
988446

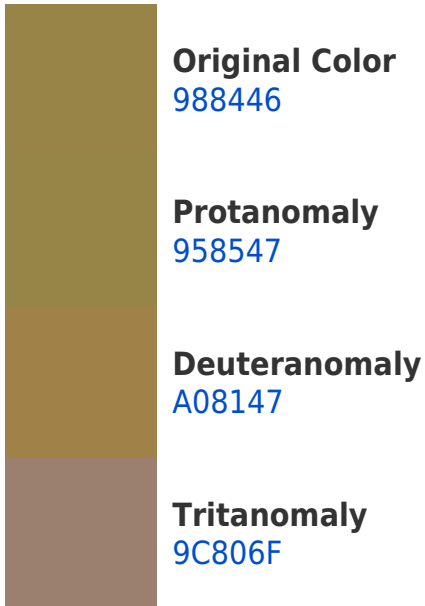
**Protanopia**  
938647

**Deuteranopia**  
A47F47

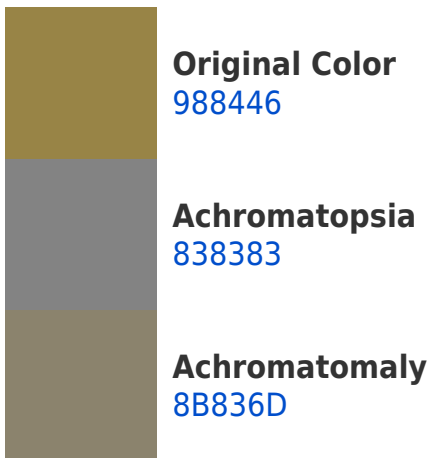


**Tritanopia**  
9E7D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 988446 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 #988446 looks like.

```
.text, #text, p{  
    color:#988446  
}
```

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 #988446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #988446
}
```

## Border

The CSS property to change the border of an element to Hex 988446 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
#988446 }
```

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

```
.border{ border-color:#988446 }
```

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

Here you see how a box with a 4 pixel #988446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #988446; -webkit-box-shadow:4px 4px  
4px 4px #988446; box-shadow:4px 4px 4px  
4px #988446 }
```

# Background

The CSS property to change the background color of an element to Hex 988446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#988446 }
```

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

```
.background{ background-color:#988446 }
```

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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