

# Converting Colors

Hex(928A33)

Have a look what the booklet for  
Hex(928A33) contains.

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**Color**

**Hex(928A33)**

# Conversions

## Conversions Part 1

Format	Color
Hex	928A33
RGB	146, 138, 51
RGB Percent	57%, 54%, 20%
CMY	0.4275, 0.4588, 0.8000
CMYK	0.00, 0.05, 0.65, 0.43
HSL	55°, 48%, 39%
HSV	55°, 65%, 57%
XYZ	21.5401, 24.5270, 6.7309
YIQ	130.4740, 32.6950, -25.3610

# Conversions

## Conversions Part 2

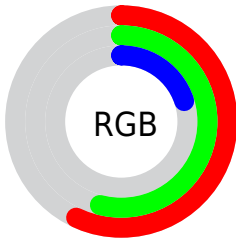
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 146, 51
Decimal	9603635
CIELab	56.61, -8.14, 46.11
CIELCh	57, 46.825, 100.011
Yxy	24.5270, 0.4080, 0.4645
Android (android.graphics.Color)	4287793715 (0xFF928A33)
YUV	130.4740, -39.1807, 13.6163
Hunter-Lab	49.5247, -9.0322, 26.6092

# Details

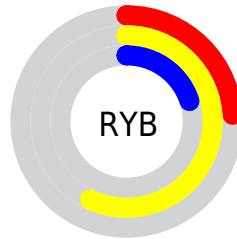
The Hex color **928A33** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **333B92**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **CABF66**, and **5C5800** is the 20% darker color. If you saturate the color by 10%, you get **928924**, and if you desaturate by 10%, it is **928B42**.

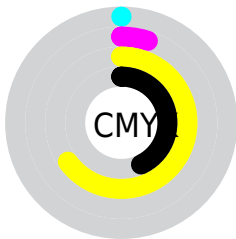
# Distribution



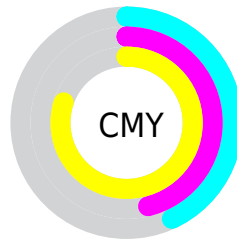
- Red (57%)
- Green (54%)
- Blue (20%)



- Red (24%)
- Yellow (57%)
- Blue (20%)



- Cyan (0%)
- Magenta (5%)
- Yellow (65%)
- Black (43%)



- Cyan (43%)
- Magenta (46%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 928A33 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 928A33 by changing the saturation by 10% instead.





928A33



928A33

FFFFFF



777119



CABF66



5C5800



E7DB80



444100



FFF79B



2A2B00



FFFFB6



0F1800



FFFFD2



000000



FFFFEF



928A33



928A33



928924



928B42

 928816

 928C50

 928607

 928E5F

 928600

 928F6D

 92907C

 92918B

 929399

 9294A8

 9295B6

# Harmonies

## Analogous

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



B57C3A



928A33



669446

# Triad

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



928A33



009ABB



C469A5

# Complementary

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



928A33



333B92

# 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.



9C78C7



928A33



0094D4

# Square

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



928A33



009C95



5888D8



D4647C

# Rectangle

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



928A33



3F995D



5888D8



BA6DB1



# Sweetspot

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



928A33



BDBA97



92333D



5E5C48



DEDEDE



5E5E5E



# Same Dimension

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



928A33



BDB02A



6C9233



4A4943



8A7E00



0A0900



# Inverse Universe

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



333B92



2A36BD



593392



43434A



000C8A



00010A



# Previews

## White Background



This preview shows how the Hex color 928A33 looks on a white background.

## Color Contrast Check

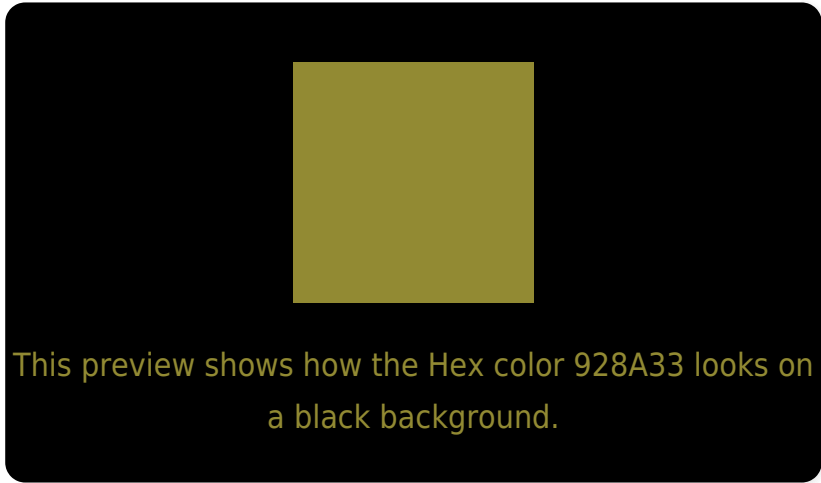
Large Text (above 18pt) WCAG AA ✓ Pass

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

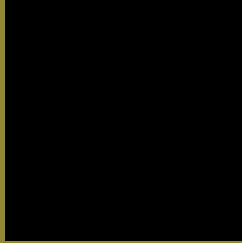
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 928A33 Background



This preview shows how black text looks on a background with the Hex color 928A33.



This preview shows how white text looks on a background with the Hex color 928A33.

# 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**  
928A33

**Protanopia**  
988832

**Deuteranopia**  
A98136



**Tritanopia**  
9A818B

# Trichromacy



**Original Color**  
928A33

**Protanomaly**  
968932

**Deuteranomaly**  
A18435

**Tritanomaly**  
97846B

# Monochromacy



**Original Color**  
928A33

**Achromatopsia**  
828282

**Achromatomaly**  
888565

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 928A33 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 #928A33 looks like.

```
.text, #text, p{  
    color:#928A33  
}
```

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 #928A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #928A33
}
```

## Border

The CSS property to change the border of an element to Hex 928A33 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
#928A33 }
```

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

```
.border{ border-color:#928A33 }
```

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

Here you see how a box with a 4 pixel #928A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #928A33; -webkit-box-shadow:4px 4px  
4px 4px #928A33; box-shadow:4px 4px 4px  
4px #928A33 }
```

# Background

The CSS property to change the background color of an element to Hex 928A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#928A33 }
```

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

```
.background{ background-color:#928A33 }
```

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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