

# Converting Colors

Hex(928227)

Have a look what the booklet for  
Hex(928227) contains.

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**Color**

**Hex(928227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	928227
RGB	146, 130, 39
RGB Percent	57%, 51%, 15%
CMY	0.4275, 0.4902, 0.8471
CMYK	0.00, 0.11, 0.73, 0.43
HSL	51°, 58%, 36%
HSV	51°, 73%, 57%
XYZ	20.2029, 22.2227, 5.1441
YIQ	124.4100, 38.7470, -24.9090

# Conversions

## Conversions Part 2

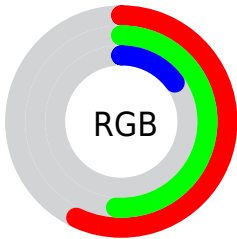
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 146, 39
Decimal	9601575
CIE <sub>Lab</sub>	54.26, -4.46, 48.84
CIE <sub>LCh</sub>	54, 49.044, 95.216
Yxy	22.2227, 0.4247, 0.4672
Android (android.graphics.Color)	4287791655 (0xFF928227)
YUV	124.4100, -42.1071, 18.9344
Hunter-Lab	47.1410, -5.9982, 26.5289

# Details

The Hex color **928227** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **273792**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **CBB75A**, and **5C5100** is the 20% darker color. If you saturate the color by 10%, you get **928018**, and if you desaturate by 10%, it is **928436**.

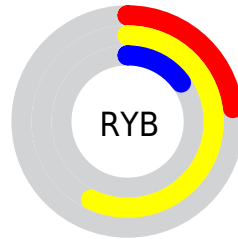
# Distribution



Red (57%)

Green (51%)

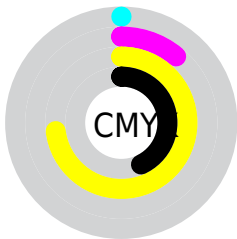
Blue (15%)



Red (23%)

Yellow (57%)

Blue (15%)

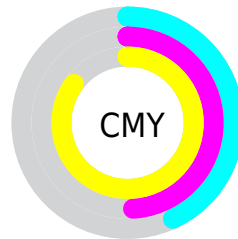


Cyan (0%)

Magenta (11%)

Yellow (73%)

Black (43%)



Cyan (43%)

Magenta (49%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 928227 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 928227 by changing the saturation by 10% instead.



 928227

 928227

FFFFFF

 776908

 CBB75A

 5C5100

 E8D274

 423A00

 FFEE8F

 292500

 FFFFAA

 0C1100

 FFFFC6

 000000

 FFFFEE3

 928227

 928227

 928018

 928436

■ 927E0A

■ 928644

■ 927C00

■ 928953

■ 928B61

■ 928D70

■ 928F7F

■ 92918D

■ 92939C

■ 9296AA

# Harmonies

## Analogous

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



B57333



928227



668D38

# Triad

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



928227



0095B1



BB63A6

# Complementary

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



928227



273792

# 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.



8E73C7



928227



0090CE

# Square

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



928227



009788



3984D6



CF5B7C

# Rectangle

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



928227



3F924F



3984D6



AF68B3



# Sweetspot

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



928227



BDB693



922737



5E5B46



DEDEDE



5E5E5E



# Same Dimension

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



928227



BDA417



6D9227



4A4943



8A7500



0A0900



# Inverse Universe

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



273792



172FBD



4C2792



43444A



00158A



00020A



# Previews

## White Background



This preview shows how the Hex color 928227 looks on a white background.

## Color Contrast Check

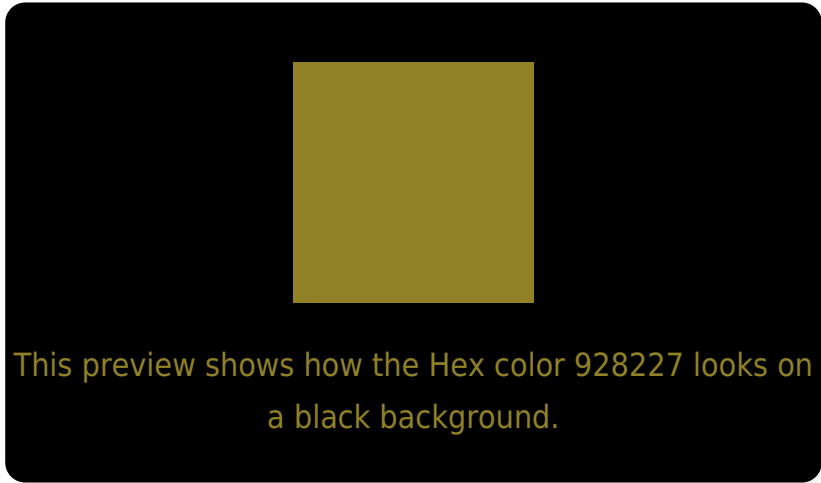
Large Text (above 18pt) WCAG AA ✓ Pass

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 928227 Background



This preview shows how black text looks on a background with the Hex color 928227.



This preview shows how white text looks on a background with the Hex color 928227.

# 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**  
928227

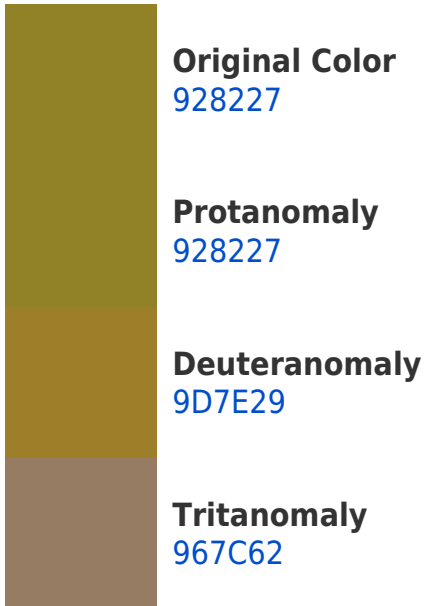
**Protanopia**  
928227

**Deuteranopia**  
A37B2A

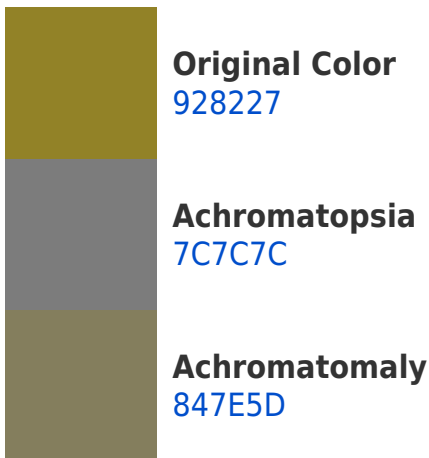


**Tritanopia**  
997983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 928227 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 #928227 looks like.

```
.text, #text, p{  
    color:#928227  
}
```

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 #928227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #928227
}
```

## Border

The CSS property to change the border of an element to Hex 928227 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
#928227 }
```

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

```
.border{ border-color:#928227 }
```

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

Here you see how a box with a 4 pixel #928227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #928227; -webkit-box-shadow:4px 4px  
4px 4px #928227; box-shadow:4px 4px 4px  
4px #928227 }
```

# Background

The CSS property to change the background color of an element to Hex 928227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#928227 }
```

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

```
.background{ background-color:#928227 }
```

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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