

# Converting Colors

Hex(977C23)

Have a look what the booklet for  
Hex(977C23) contains.

<b>Hex(977C23)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(977C23)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	977C23
RGB	151, 124, 35
RGB Percent	59%, 49%, 14%
CMY	0.4078, 0.5137, 0.8627
CMYK	0.00, 0.18, 0.77, 0.41
HSL	46°, 62%, 36%
HSV	46°, 77%, 59%
XYZ	20.2735, 21.1160, 4.5974
YIQ	121.9270, 44.6610, -21.9550

# Conversions

## Conversions Part 2

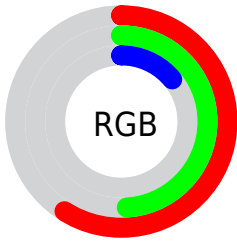
Format	Color
R <sub>Y</sub> B	70, 151, 35
Decimal	9927715
CIE Lab	53.08, 1.00, 49.45
CIE LCh	53, 49.464, 88.839
Yxy	21.1160, 0.4409, 0.4592
Android (android.graphics.Color)	4288117795 (0xFF977C23)
YUV	121.9270, -42.8550, 25.4970
Hunter-Lab	45.9521, -1.6641, 26.2347

# Details

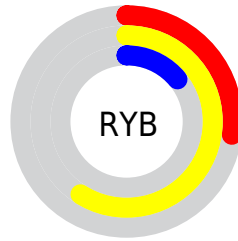
The Hex color **977C23** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **233E97**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D0B057**, and **604C00** is the 20% darker color. If you saturate the color by 10%, you get **977814**, and if you desaturate by 10%, it is **978032**.

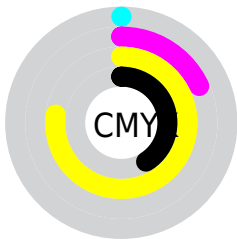
# Distribution



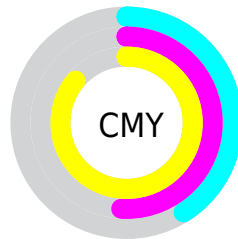
- Red (59%)
- Green (49%)
- Blue (14%)



- Red (27%)
- Yellow (59%)
- Blue (14%)



- Cyan (0%)
- Magenta (18%)
- Yellow (77%)
- Black (41%)



- Cyan (41%)
- Magenta (51%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 977C23 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 977C23 by changing the saturation by 10% instead.



 977C23

 977C23

FFFFFF

 7B6303

 D0B057

 604C00

 EECC70

 463500

 FFE88B

 2C2000

 FFFFA6

 120A00

 FFFFC2

 000000

 FFFFDE

 FFFFFB

 977C23

 977C23

■ 977814

■ 978032

■ 977505

■ 978341

■ 977400

■ 978750

■ 978A5F

■ 978E6E

■ 97917E

■ 97958D

■ 97989C

■ 979CAB

# Harmonies

## Analogous

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



B86C36



977C23



6D882F

# Triad

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



977C23



0093A7



B163AB

# Complementary

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



977C23



233E97

# 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.



7D74CA



977C23



008EC7

# Square

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



977C23



00937C



0084D4



CA5882

# Rectangle

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



977C23



498E44



0084D4



A368B7



# Sweetspot

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



977C23



C4BA97



97233E



635D48



E3E3E3



636363



# Same Dimension

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



977C23



C49A10



789723



4D4B45



8C6C00



0D0A00



# Inverse Universe

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



233E97



103AC4



422397



45474D



00218C



00030D



# Previews

## White Background



This preview shows how the Hex color 977C23 looks on a white background.

## Color Contrast Check

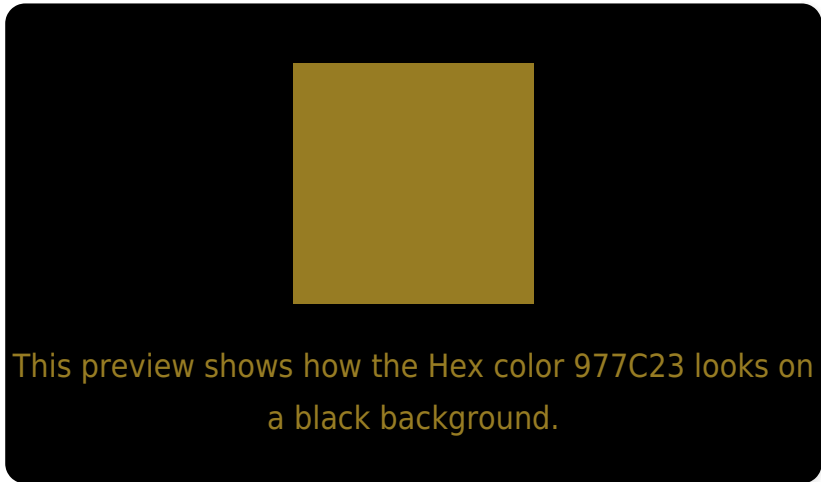
Large Text (above 18pt) WCAG AA ✓ Pass

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 977C23 Background



This preview shows how black text looks on a background with the Hex color 977C23.



This preview shows how white text looks on a background with the Hex color 977C23.

# 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**  
977C23

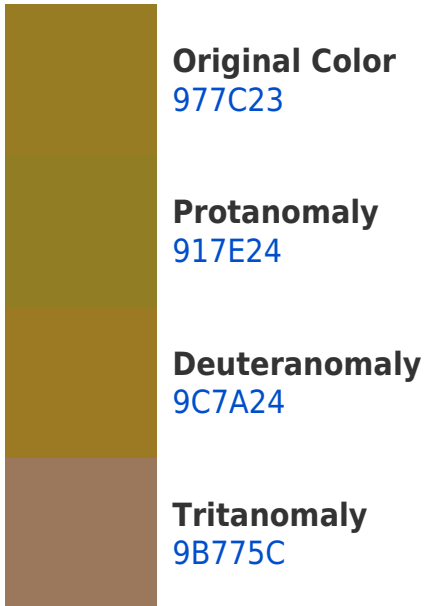
**Protanopia**  
8E7F24

**Deuteranopia**  
9F7924

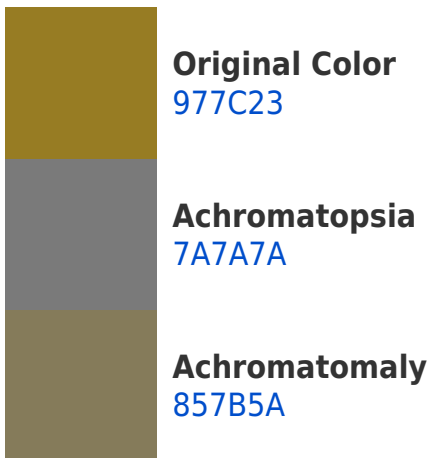


**Tritanopia**  
9D747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 977C23 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 #977C23 looks like.

```
.text, #text, p{  
    color:#977C23  
}
```

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 #977C23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #977C23
}
```

## Border

The CSS property to change the border of an element to Hex 977C23 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
#977C23 }
```

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

```
.border{ border-color:#977C23 }
```

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

Here you see how a box with a 4 pixel #977C23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #977C23; -webkit-box-shadow:4px 4px  
4px 4px #977C23; box-shadow:4px 4px 4px  
4px #977C23 }
```

# Background

The CSS property to change the background color of an element to Hex 977C23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#977C23 }
```

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

```
.background{ background-color:#977C23 }
```

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