

# Converting Colors

Hex(999235)

Have a look what the booklet for  
Hex(999235) contains.

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**Color**

**Hex(999235)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	999235
RGB	153, 146, 53
RGB Percent	60%, 57%, 21%
CMY	0.4000, 0.4275, 0.7922
CMYK	0.00, 0.05, 0.65, 0.40
HSL	56°, 49%, 40%
HSV	56°, 65%, 60%
XYZ	24.0584, 27.5871, 7.4250
YIQ	137.4910, 34.0250, -27.4390

# Conversions

## Conversions Part 2

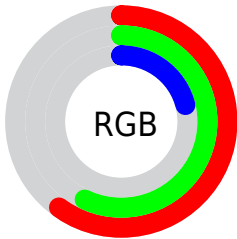
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">61, 153, 53</a>
Decimal	<a href="#">10064437</a>
CIELab	<a href="#">59.51, -9.21, 48.49</a>
CIElCh	<a href="#">60, 49.352, 100.750</a>
Yxy	<a href="#">27.5871, 0.4073, 0.4670</a>
Android (android.graphics.Color)	<a href="#">4288254517 (0xFF999235)</a>
YUV	<a href="#">137.4910, -41.6541, 13.6014</a>
Hunter-Lab	<a href="#">52.5234, -10.1541, 28.3849</a>

# Details

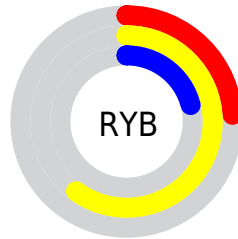
The Hex color **999235** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **353C99**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **D2C868**, and **636000** is the 20% darker color. If you saturate the color by 10%, you get **999126**, and if you desaturate by 10%, it is **999344**.

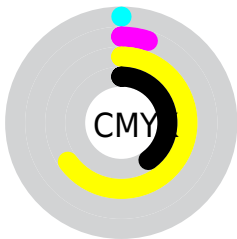
# Distribution



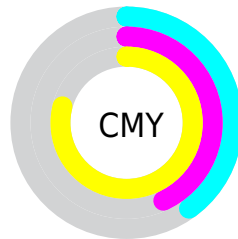
- Red (60%)
- Green (57%)
- Blue (21%)



- Red (24%)
- Yellow (60%)
- Blue (21%)



- Cyan (0%)
- Magenta (5%)
- Yellow (65%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999235 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 999235 by changing the saturation by 10% instead.



 999235

 999235

FFFFFFF

 7E781A

 D2C868

 636000

 EFE483

 494800

 FFFF9E

 303200

 FFFFB9

 171D00

 FFFFD5

 000000

 FFFFF2

 999235

 999235

 999126

 999344

■ 999016

■ 999454

■ 998F07

■ 999563

■ 998E00

■ 999672

■ 999782

■ 999891

■ 9999A0

■ 999BAF

■ 999CBF

# Harmonies

## Analogous

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



BF833C



999235



6A9D4A

# Triad

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



999235



00A3C7



D06EAD

# Complementary

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



999235



353C99

# 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.



A77ED1



999235



009CE1

# Square

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



999235



00A59E



5E8FE5



E06981

# Rectangle

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



999235



3FA163



5E8FE5



C572BA



# Sweetspot

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



999235



C7C49F



99353D



63624C



E3E3E3



636363



# Same Dimension

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



999235



C7BC2C



6F9935



4D4C45



8C8200



0D0C00



# Inverse Universe

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



353C99



2C37C7



5F3599



45454D



000A8C



00010D



# Previews

## White Background



This preview shows how the Hex color 999235 looks on a white background.

## Color Contrast Check

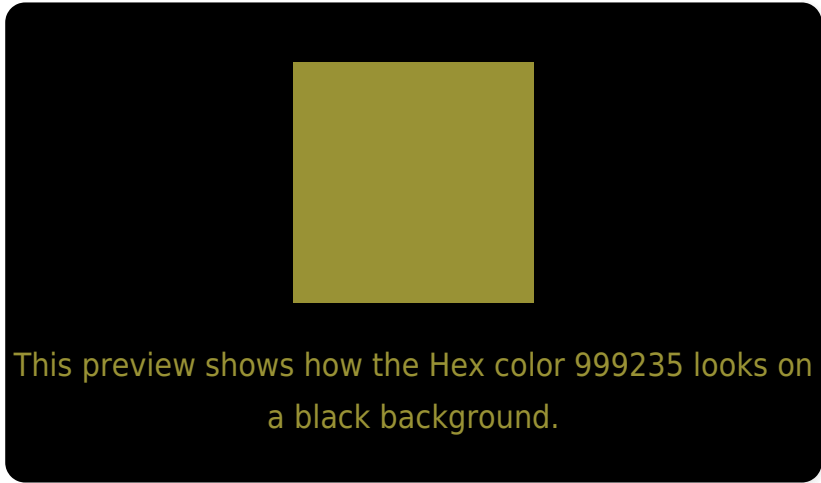
Large Text (above 18pt) WCAG AA ✓ Pass

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

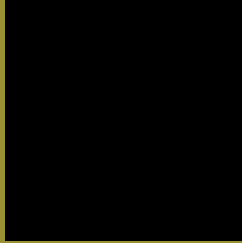
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 999235 Background



This preview shows how black text looks on a background with the Hex color 999235.



This preview shows how white text looks on a background with the Hex color 999235.

# 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**  
999235

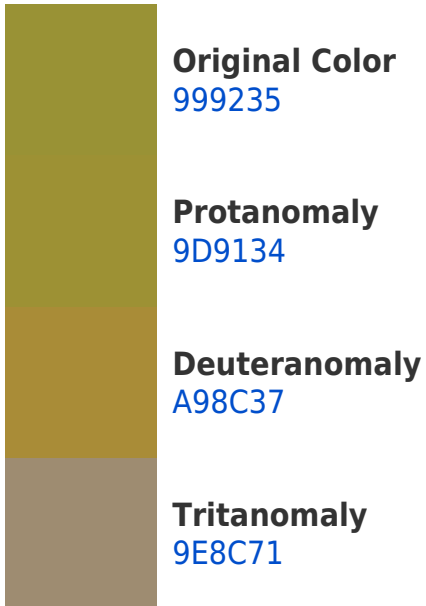
**Protanopia**  
A09034

**Deuteranopia**  
B28838

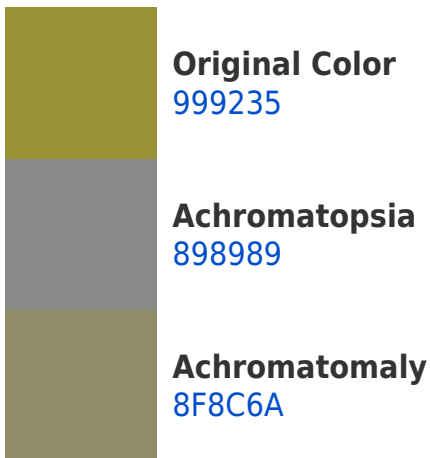


**Tritanopia**  
A18993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999235 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 #999235 looks like.

```
.text, #text, p{  
    color:#999235  
}
```

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 #999235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999235
}
```

## Border

The CSS property to change the border of an element to Hex 999235 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
#999235 }
```

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

```
.border{ border-color:#999235 }
```

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

Here you see how a box with a 4 pixel #999235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999235; -webkit-box-shadow:4px 4px  
4px 4px #999235; box-shadow:4px 4px 4px  
4px #999235 }
```

# Background

The CSS property to change the background color of an element to Hex 999235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999235 }
```

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

```
.background{ background-color:#999235 }
```

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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