

# Converting Colors

Hex(979900)

Have a look what the booklet for  
Hex(979900) contains.

<b>Hex(979900)</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(979900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	979900
RGB	151, 153, 0
RGB Percent	59%, 60%, 0%
CMY	0.4078, 0.4000, 1.0000
CMYK	0.01, 0.00, 1.00, 0.40
HSL	61°, 100%, 30%
HSV	61°, 100%, 60%
XYZ	24.1537, 29.3618, 4.3944
YIQ	134.9600, 47.9210, -48.0070

# Conversions

## Conversions Part 2

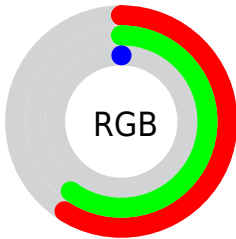
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 153, 2</a>
Decimal	<a href="#">9935104</a>
CIELab	<a href="#">61.10, -15.62, 64.33</a>
CIELCh	<a href="#">61, 66.198, 103.651</a>
Yxy	<a href="#">29.3618, 0.4171, 0.5070</a>
Android (android.graphics.Color)	<a href="#">4288125184 (0xFF979900)</a>
YUV	<a href="#">134.9600, -66.5353, 14.0671</a>
Hunter-Lab	<a href="#">54.1865, -15.2597, 33.1223</a>

# Details

The Hex color **979900** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **020099**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D1CF48**, and **606600** is the 20% darker color. If you saturate the color by 10%, you get **979900**, and if you desaturate by 10%, it is **97990F**.

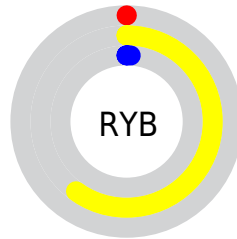
# Distribution



Red (59%)

Green (60%)

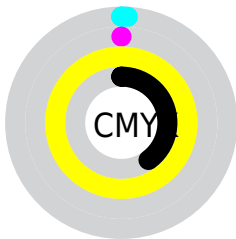
Blue (0%)



Red (0%)

Yellow (60%)

Blue (1%)

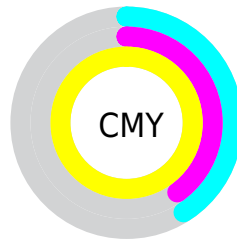


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (41%)

Magenta (40%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 979900 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 979900 by changing the saturation by 10% instead.



 979900

 979900

FFFFFF

 7B7F00

 D1CF48

 606600

 EEEB64

 454E00

 FFFF80

 2B3800

 FFFF9B

 122200

 FFFFB8

 000800

 FFFFD4

 000000

 FFFFF1

 979900

 97990F

 97991F

 98992E

 98993D

 98994D

 98995C

 98996B

 99997A

 99998A

# Harmonies

## Analogous

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



CA8513



979900



53A637

# Triad

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



979900



00ACE3



EC5FB6

# Complementary

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



979900



020099

# 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.



B878E9



979900



00A3FF

# Square

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



979900



00AFAD



4991FF



FC597B

# Rectangle

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



979900



00AB5D



4991FF



DF66C8



# Sweetspot

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



979900



C6C78B



990000



636340



E3E3E3



636363



# Same Dimension

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



979900



C4C700



4D9900



4C4D45



8A8C00



0D0D00



# Inverse Universe

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



020099



0300C7



4D0099



45454D



02008C



00000D



# Previews

## White Background



This preview shows how the Hex color 979900 looks on a white background.

## Color Contrast Check

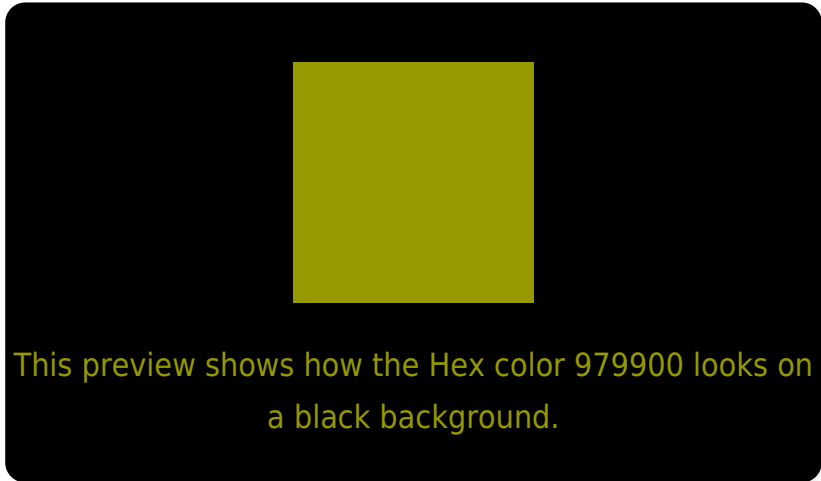
Large Text (above 18pt) WCAG AA ✓ Pass

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 979900 Background



This preview shows how black text looks on a background with the Hex color 979900.

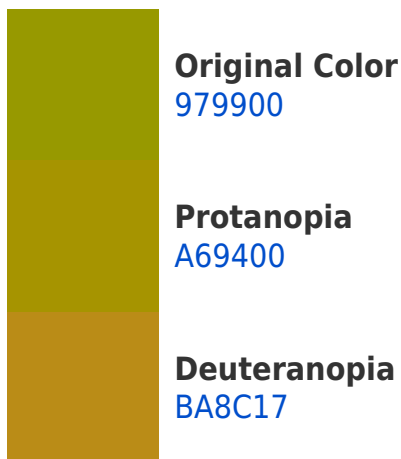


This preview shows how white text looks on a background with the Hex color 979900.

# 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](#).

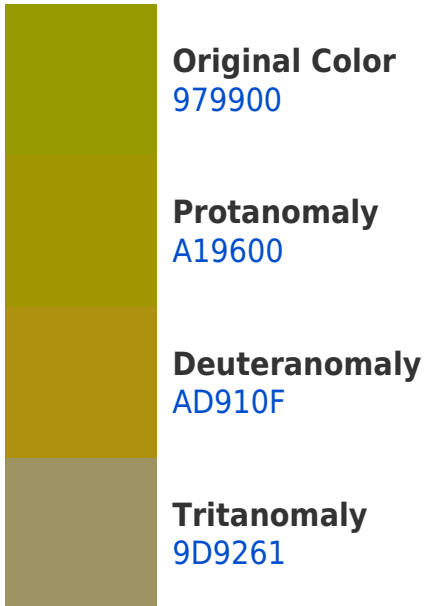
## Dichromacy





**Tritanopia**  
A18E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 979900 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 #979900 looks like.

```
.text, #text, p{  
    color:#979900  
}
```

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 #979900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #979900
}
```

## Border

The CSS property to change the border of an element to Hex 979900 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
#979900 }
```

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

```
.border{ border-color:#979900 }
```

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

Here you see how a box with a 4 pixel #979900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #979900; -webkit-box-shadow:4px 4px  
4px 4px #979900; box-shadow:4px 4px 4px  
4px #979900 }
```

# Background

The CSS property to change the background color of an element to Hex 979900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#979900 }
```

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

```
.background{ background-color:#979900 }
```

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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