

Converting Colors

Hex(959900)

Have a look what the booklet for
Hex(959900) contains.

Hex(959900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(959900)

Conversions

Conversions Part 1

Format	Color
Hex	959900
RGB	149, 153, 0
RGB Percent	58%, 60%, 0%
CMY	0.4157, 0.4000, 1.0000
CMYK	0.03, 0.00, 1.00, 0.40
HSL	62°, 100%, 30%
HSV	62°, 100%, 60%
XYZ	23.7857, 29.1720, 4.3771
YIQ	134.3620, 46.7290, -48.4310

Conversions

Conversions Part 2

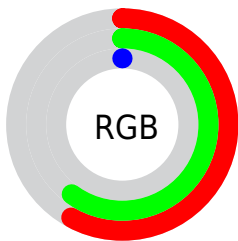
Format	Color
RYB	0, 153, 4
Decimal	9804032
CIELab	60.93, -16.52, 64.13
CIELCh	61, 66.225, 104.447
Yxy	29.1720, 0.4149, 0.5088
Android (android.graphics.Color)	4287994112 (0xFF959900)
YUV	134.3620, -66.2405, 12.8375
Hunter-Lab	54.0111, -15.9109, 33.0029

Details

The Hex color **959900** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **040099**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **CFCF48**, and **5E6600** is the 20% darker color. If you saturate the color by 10%, you get **959900**, and if you desaturate by 10%, it is **95990F**.

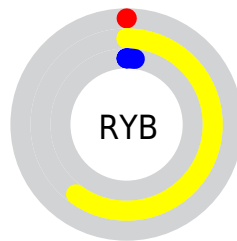
Distribution



Red (58%)

Green (60%)

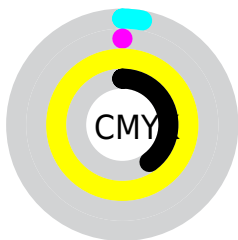
Blue (0%)



Red (0%)

Yellow (60%)

Blue (2%)

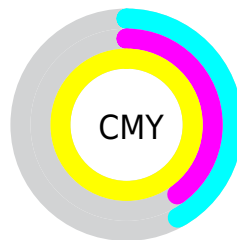


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (42%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 959900 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 959900 by changing the saturation by 10% instead.

 959900

 959900

FFFFFFF

 797F00

 CFCF48

 5E6600

 ECEB64

 434E00

 FFFF7F

 293800

 FFFF9B

 0F2200

 FFFFB7

 000600

 FFFFD4

 000000

 FFFFF1

 959900

 95990F

 96991F

 96992E

 97993D

 97994D

 97995C

 98996B

 98997A

 99998A

Harmonies

Analogous

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



C88511



959900



50A638

Triad

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



959900



00ACE4



ED5EB4

Complementary

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



959900



040099

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.



B976E7



959900



00A2FF

Square

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



959900



00AEAF



4D90FF



FC5979

Rectangle

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



959900



00AB5E



4D90FF



E065C7

Sweetspot

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



959900



C5C78B



990300



636340



E3E3E3



636363

Same Dimension

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



959900



C2C700



4A9900



4C4D45



898C00



0C0D00

Inverse Universe

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



040099



0500C7



4F0099



45454D



04008C



00000D

Previews

White Background



This preview shows how the Hex color 959900 looks on a white background.

Color Contrast Check

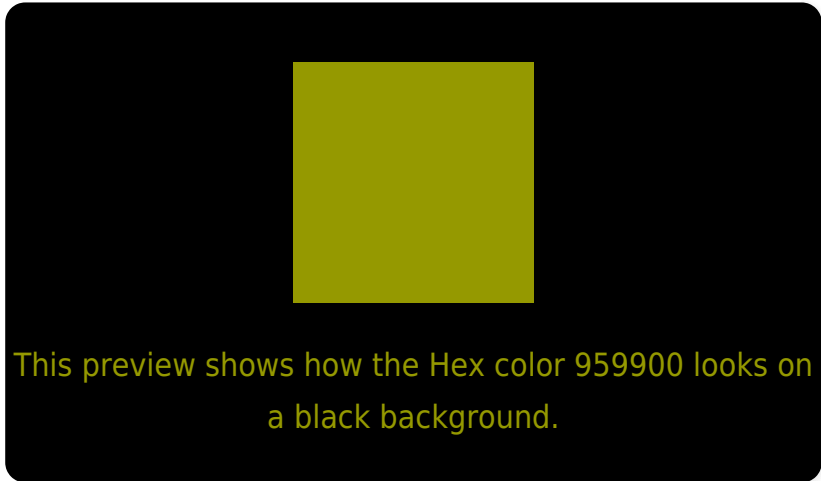
Large Text (above 18pt) WCAG AA ✓ Pass

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 959900 Background



This preview shows how black text looks on a background with the Hex color 959900.



This preview shows how white text looks on a background with the Hex color 959900.

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
959900

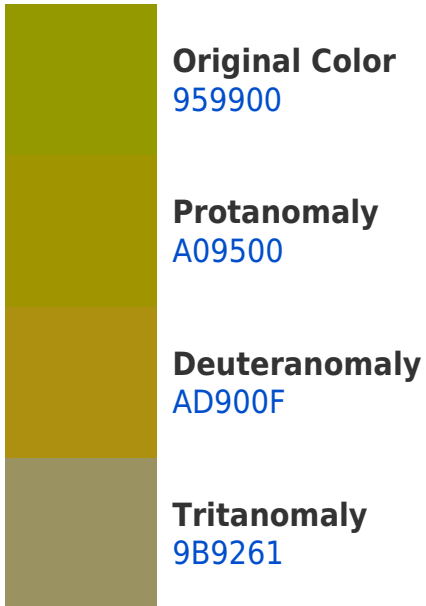
Protanopia
A69300

Deuteranopia
BA8B18



Tritanopia
9F8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 959900 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 #959900 looks like.

```
.text, #text, p{  
    color:#959900  
}
```

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 #959900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #959900
}
```

Border

The CSS property to change the border of an element to Hex 959900 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
#959900 }
```

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

```
.border{ border-color:#959900 }
```

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

Here you see how a box with a 4 pixel #959900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #959900; -webkit-box-shadow:4px 4px  
4px 4px #959900; box-shadow:4px 4px 4px  
4px #959900 }
```

Background

The CSS property to change the background color of an element to Hex 959900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#959900 }
```

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

```
.background{ background-color:#959900 }
```

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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