

# Converting Colors

Hex(909959)

Have a look what the booklet for  
Hex(909959) contains.

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# Color

**Hex(909959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	909959
RGB	144, 153, 89
RGB Percent	56%, 60%, 35%
CMY	0.4353, 0.4000, 0.6510
CMYK	0.06, 0.00, 0.42, 0.40
HSL	68°, 26%, 47%
HSV	68°, 42%, 60%
XYZ	24.6960, 29.4330, 13.8307
YIQ	143.0130, 15.1800, -21.8120

# Conversions

## Conversions Part 2

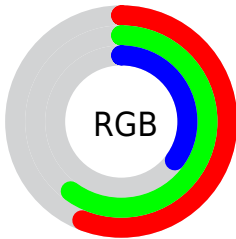
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 153, 98
Decimal	9476441
CIELab	61.16, -13.54, 32.50
CIELCh	61, 35.208, 112.615
Yxy	29.4330, 0.3634, 0.4331
Android (android.graphics.Color)	4287666521 (0xFF909959)
YUV	143.0130, -26.6284, 0.8656
Hunter-Lab	54.2522, -13.6869, 22.8615

# Details

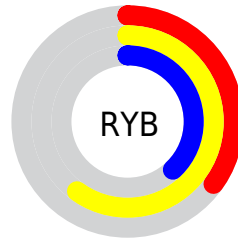
The Hex color **909959** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **625999**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **C7CF8C**, and **5C6629** is the 20% darker color. If you saturate the color by 10%, you get **8E994A**, and if you desaturate by 10%, it is **929968**.

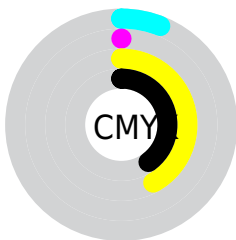
# Distribution



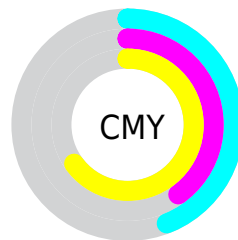
- Red (56%)
- Green (60%)
- Blue (35%)



- Red (35%)
- Yellow (60%)
- Blue (38%)



- Cyan (6%)
- Magenta (0%)
- Yellow (42%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 909959 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 909959 by changing the saturation by 10% instead.





909959



909959

FFFFFF



767F41



C7CF8C



5C6629



E3EBA7



444E12



FFFFC2



2D3700



FFFFDE



152200



FFFFFFB



000800



000000



909959



909959



8E994A



929968

 8C993A

 949978

 8A992B

 969987

 87991C

 999996

 85990D

 9B99A5

 839900

 9D99B5

 9F99C4

 A199D3

 A399E3

# Harmonies

## Analogous

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



AF8F56



909959



6CA06D

# Triad

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



909959



14A0C4



CB7C9D

# Complementary

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



909959



625999

# 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.



B383BA



909959



5799D1

# Square

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



909959



00A4AA



8C8ECD



D07C7D

# Rectangle

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



909959



51A380



8C8ECD



C57EA7



# Sweetspot

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



909959



C3C7AD



996259



616354



E3E3E3



636363



# Same Dimension

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



909959



B9C763



709959



4B4D45



798C00



0B0D00



# Inverse Universe

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



625999



7163C7



825999



46454D



14008C



02000D



# Previews

## White Background



This preview shows how the Hex color 909959 looks on a white background.

## Color Contrast Check

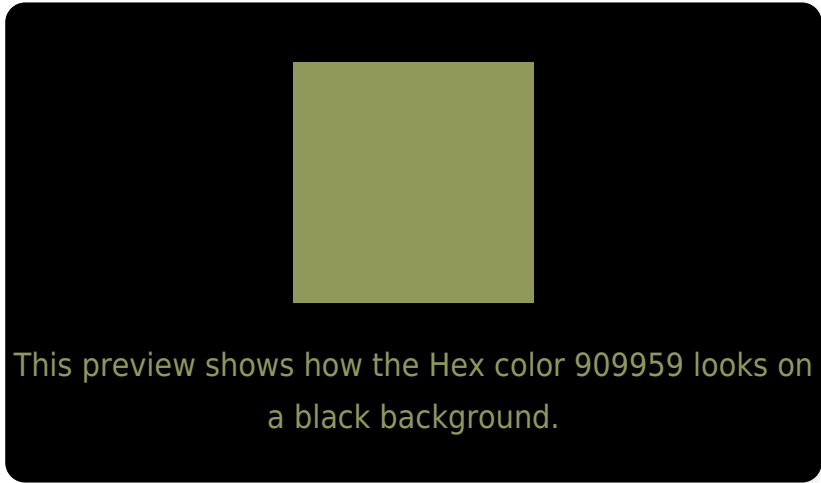
Large Text (above 18pt) WCAG AA ✓ Pass

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

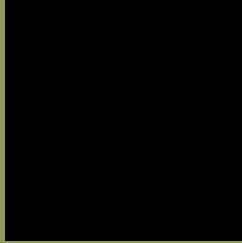
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 909959 Background



This preview shows how black text looks on a background with the Hex color 909959.

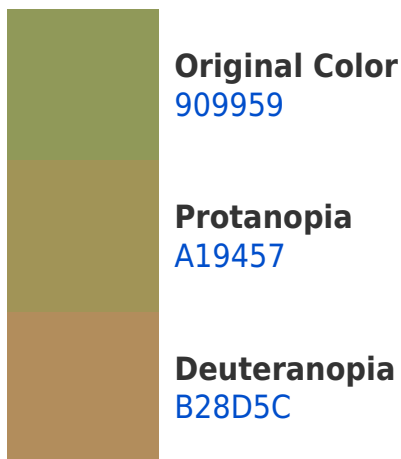



This preview shows how white text looks on a background with the Hex color 909959.

# 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



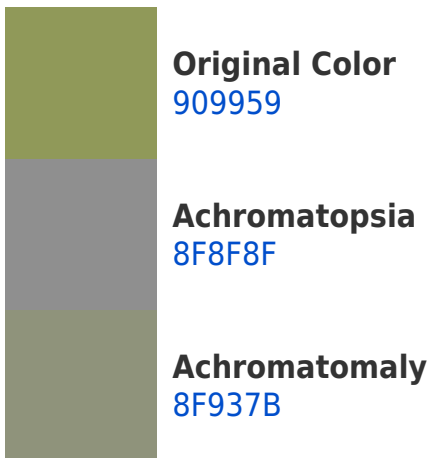


**Tritanopia**  
98919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 909959 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 #909959 looks like.

```
.text, #text, p{  
    color:#909959  
}
```

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 #909959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #909959
}
```

## Border

The CSS property to change the border of an element to Hex 909959 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
#909959 }
```

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

```
.border{ border-color:#909959 }
```

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

Here you see how a box with a 4 pixel #909959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #909959; -webkit-box-shadow:4px 4px  
4px 4px #909959; box-shadow:4px 4px 4px  
4px #909959 }
```

# Background

The CSS property to change the background color of an element to Hex 909959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#909959 }
```

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

```
.background{ background-color:#909959 }
```

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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