

# Converting Colors

Hex(909162)

Have a look what the booklet for  
Hex(909162) contains.

<b>Hex(909162)</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(909162)**

# Conversions

## Conversions Part 1

Format	Color
Hex	909162
RGB	144, 145, 98
RGB Percent	56%, 57%, 38%
CMY	0.4353, 0.4314, 0.6157
CMYK	0.01, 0.00, 0.32, 0.43
HSL	61°, 19%, 48%
HSV	61°, 32%, 57%
XYZ	23.8316, 27.0619, 15.5227
YIQ	139.3430, 14.4910, -14.8290

# Conversions

## Conversions Part 2

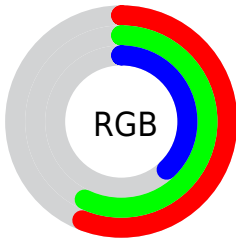
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 145, 99
Decimal	9474402
CIE <sub>Lab</sub>	59.03, -8.12, 24.89
CIE <sub>LCh</sub>	59, 26.177, 108.079
Yxy	27.0619, 0.3588, 0.4075
Android (android.graphics.Color)	4287664482 (0xFF909162)
YUV	139.3430, -20.3821, 4.0842
Hunter-Lab	52.0211, -9.2635, 18.7231

# Details

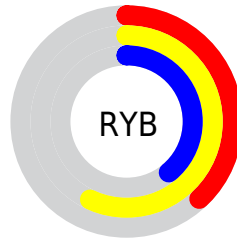
The Hex color **909162** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **636291**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **C6C795**, and **5D5F33** is the 20% darker color. If you saturate the color by 10%, you get **909154**, and if you desaturate by 10%, it is **909171**.

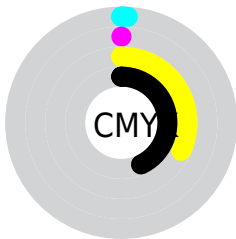
# Distribution



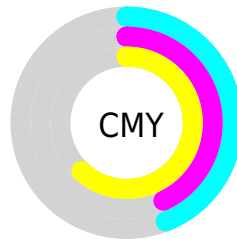
- Red (56%)
- Green (57%)
- Blue (38%)



- Red (38%)
- Yellow (57%)
- Blue (39%)



- Cyan (1%)
- Magenta (0%)
- Yellow (32%)
- Black (43%)



- Cyan (44%)
- Magenta (43%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 909162 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 909162 by changing the saturation by 10% instead.



 909162

 909162

FFFFFF

 76774A

 C6C795

 5D5F33

 E3E3B0

 44471C

 FFFFCC

 2D3105

 FFFFE8

 181C00

 000000

 909162

 909162

 909154

 909171

 8F9145

 91917F

■ 8F9137

■ 91918E

■ 8F9128

■ 91919C

■ 8E911A

■ 9291AB

■ 8E910B

■ 9291B9

■ 8E9100

■ 9291C8

■ 9291D6

■ 9391E4

# Harmonies

## Analogous

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



A78961



909162



76976F

# Triad

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



909162



4998AF



B67E98

# Complementary

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



909162



636291

# 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.



A283AD



909162



6393BA

# Square

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



909162



479B9B



858BBA



BC7D81

# Rectangle

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



909162



64997C



858BBA



B17FA0



# Sweetspot

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



909162



BCBDAA



916362



5E5E53



DEDEDE



5E5E5E



# Same Dimension

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



909162



BBBD73



799162



474740



848700



070800



# Inverse Universe

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



636291



7573BD



7A6291



404047



030087



000008



# Previews

## White Background



This preview shows how the Hex color 909162 looks on a white background.

## Color Contrast Check

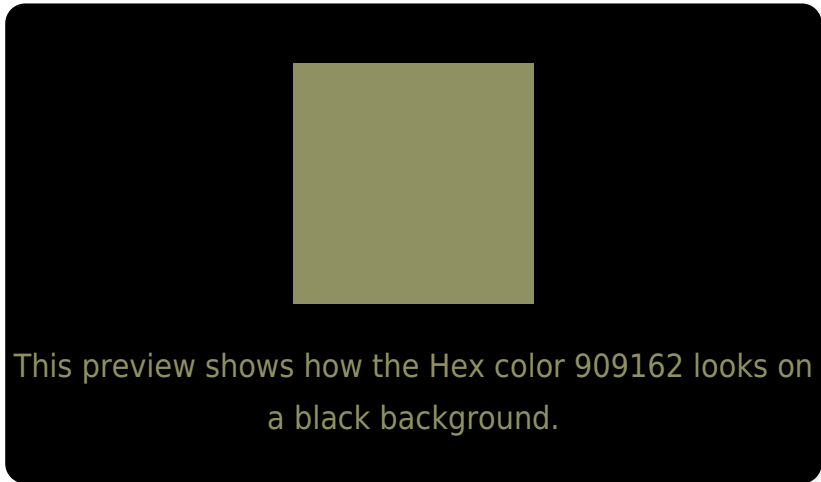
Large Text (above 18pt) WCAG AA ✓ Pass

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

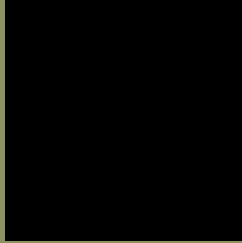
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 909162 Background



This preview shows how black text looks on a background with the Hex color 909162.



This preview shows how white text looks on a background with the Hex color 909162.

# 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**  
909162

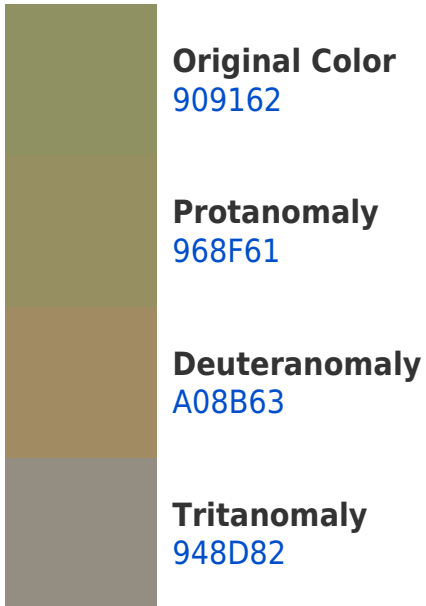
**Protanopia**  
9A8E61

**Deuteranopia**  
A98864

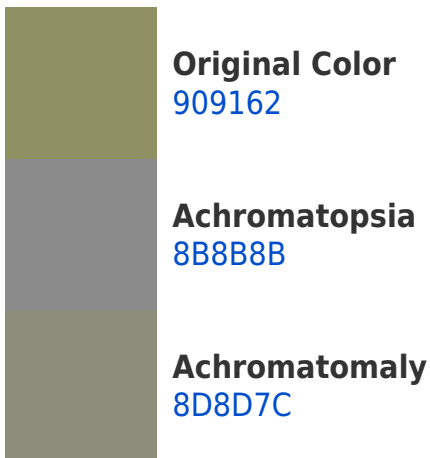


**Tritanopia**  
968B95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 909162 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 #909162 looks like.

```
.text, #text, p{  
    color:#909162  
}
```

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 #909162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #909162
}
```

## Border

The CSS property to change the border of an element to Hex 909162 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
#909162 }
```

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

```
.border{ border-color:#909162 }
```

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

Here you see how a box with a 4 pixel #909162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #909162; -webkit-box-shadow:4px 4px  
4px 4px #909162; box-shadow:4px 4px 4px  
4px #909162 }
```

# Background

The CSS property to change the background color of an element to Hex 909162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#909162 }
```

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

```
.background{ background-color:#909162 }
```

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