

# Converting Colors

Decimal(9476963)

Have a look what the booklet for  
Decimal(9476963) contains.

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**Color**

**Decimal(9476963)**

# Conversions

## Conversions Part 1

Format	Color
Hex	909B63
RGB	144, 155, 99
RGB Percent	56%, 61%, 39%
CMY	0.4353, 0.3922, 0.6118
CMYK	0.07, 0.00, 0.36, 0.39
HSL	72°, 22%, 50%
HSV	72°, 36%, 61%
XYZ	25.4751, 30.2728, 16.3049
YIQ	145.3270, 11.4200, -19.7480

# Conversions

## Conversions Part 2

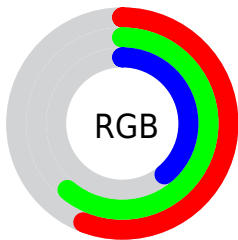
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 155, 110
Decimal	9476963
CIELab	61.89, -13.35, 28.09
CIELCh	62, 31.098, 115.428
Yxy	30.2728, 0.3536, 0.4201
Android (android.graphics.Color)	4287667043 (0xFF909B63)
YUV	145.3270, -22.8392, -1.1638
Hunter-Lab	55.0208, -13.6393, 20.9444

# Details

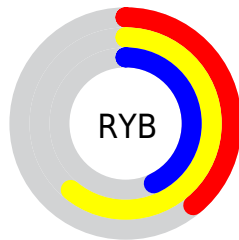
The Decimal color **9476963** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7234459**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **13095318**, and **6121523** is the 20% darker color. If you saturate the color by 10%, you get **9280340**, and if you desaturate by 10%, it is **9673587**.

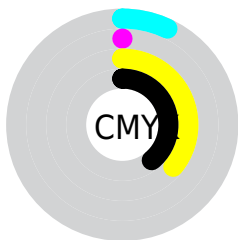
# Distribution



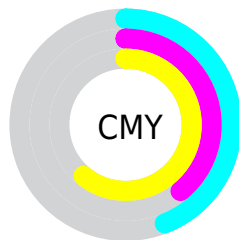
- Red (56%)
- Green (61%)
- Blue (39%)



- Red (39%)
- Yellow (61%)
- Blue (43%)



- Cyan (7%)
- Magenta (0%)
- Yellow (36%)
- Black (39%)



- Cyan (44%)
- Magenta (39%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9476963 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 Decimal color 9476963 by changing the saturation by 10% instead.





9476963



9476963

16777215



7766347



13095318



6121523



14937777



4476957



16777165



2963717



16777193



1516288



3328



0



9476963



9476963



9280340



9673587

■ 9083716

■ 9870210

■ 8887093

■ 10066834

■ 8690469

■ 10263457

■ 8493846

■ 10460081

■ 8297222

■ 10656704

■ 8231680

■ 10853328

■ 11049951

■ 11246575

# Harmonies

## Analogous

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



11309662



9476963



7381365

# Triad

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



9476963



4169922



13140379

# Complementary

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



9476963



7234459

# 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.



11830965



9476963



6920652

# Square

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



9476963



3384492



9670855



13402751

# Rectangle

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



9476963



5874823



9670855



12812964



# Sweetspot

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



9476963



12962227



10186083



6514265



15132390



6710886



# Same Dimension

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



9476963



12110195



7707491



4934981



7441408



658688



# Inverse Universe

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



7234459



8680393



9003931



4605261



1835148



196621



# Previews

## White Background



This preview shows how the Decimal color 9476963 looks on a white background.

## Color Contrast Check

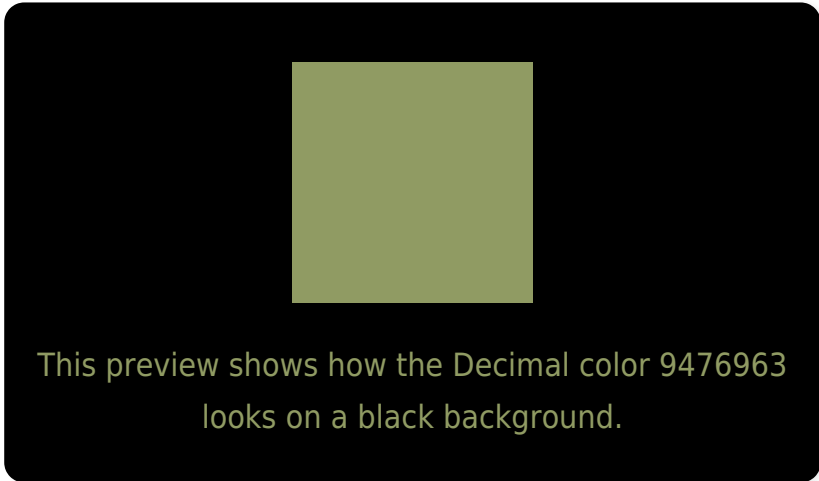
Large Text (above 18pt) WCAG AA × Fail

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

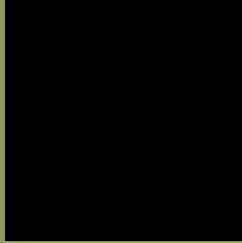
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 9476963 Background



This preview shows how black text looks on a background with the Decimal color 9476963.



This preview shows how white text looks on a background with the Decimal color 9476963.

# 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**  
9476963

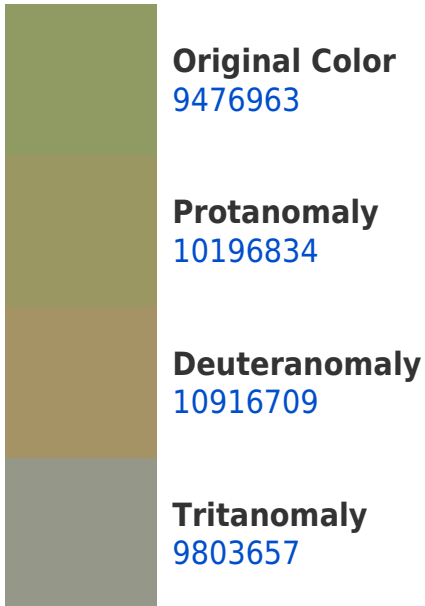
**Protanopia**  
10655073

**Deuteranopia**  
11767654

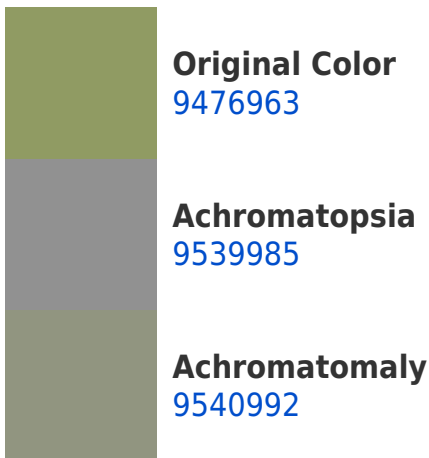


**Tritanopia**  
9999519

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9476963 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 #909B63 looks like.

```
.text, #text, p{  
    color:#909B63  
}
```

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 #909B63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #909B63
}
```

## Border

The CSS property to change the border of an element to Decimal 9476963 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
#909B63 }
```

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

```
.border{ border-color:#909B63 }
```

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

Here you see how a box with a 4 pixel #909B63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #909B63; -webkit-box-shadow:4px 4px  
4px 4px #909B63; box-shadow:4px 4px 4px  
4px #909B63 }
```

# Background

The CSS property to change the background color of an element to Decimal 9476963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#909B63 }
```

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

```
.background{ background-color:#909B63 }
```

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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