

# Converting Colors

Hex(9B6476)

Have a look what the booklet for  
Hex(9B6476) contains.

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**Color**

**Hex(9B6476)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B6476
RGB	155, 100, 118
RGB Percent	61%, 39%, 46%
CMY	0.3922, 0.6078, 0.5373
CMYK	0.00, 0.35, 0.24, 0.39
HSL	340°, 22%, 50%
HSV	340°, 35%, 61%
XYZ	21.3448, 17.3909, 19.3713
YIQ	118.4970, 27.0020, 17.2580

# Conversions

## Conversions Part 2

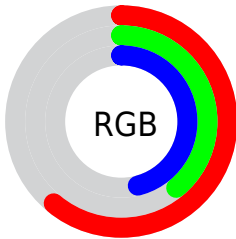
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 100, 118
Decimal	10183798
CIE Lab	48.75, 24.83, -0.85
CIE LCh	49, 24.841, 358.040
Yxy	17.3909, 0.3673, 0.2993
Android (android.graphics.Color)	4288373878 (0xFF9B6476)
YUV	118.4970, -0.2450, 32.0131
Hunter-Lab	41.7024, 18.3833, 1.6507

# Details

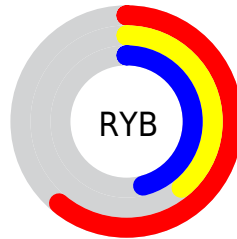
The Hex color **9B6476** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **649B89**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **D398AA**, and **663446** is the 20% darker color. If you saturate the color by 10%, you get **9B556C**, and if you desaturate by 10%, it is **9B7480**.

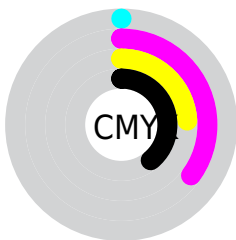
# Distribution



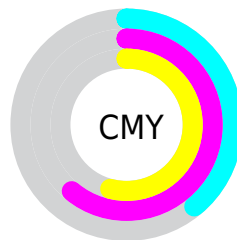
- Red (61%)
- Green (39%)
- Blue (46%)



- Red (61%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (39%)



- Cyan (39%)
- Magenta (61%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B6476 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 9B6476 by changing the saturation by 10% instead.



 9B6476

 9B6476

FFFFFF

 804C5D

 D398AA

 663446

 EFB3C5

 4D1D30

 FFC EE1

 35061B

 FFE BFE

 210001

 000000

 9B6476

 9B6476

 9B556C

 9B7480

 9B4561

 9B838B

 9B3657

 9B9395

 9B264C

 9BA2A0

 9B1742

 9BB2AA

 9B0737

 9BC1B5

 9B0033

 9BD1BF

 9BE0C9

 9BF0D4

# Harmonies

## Analogous

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



8D688A



9B6476



9D6561

# Triad

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



9B6476



6E784E



367C97

# Complementary

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



9B6476



649B89

# 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.



2B7F87



9B6476



557D5D

# Square

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



9B6476



83724A



3C7F72



55769D

# Rectangle

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



9B6476



986955



3C7F72



2F7D92



# Sweetspot

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



9B6476



C9B3BB



89649B



66595D



E6E6E6



666666



# Same Dimension

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



9B6476



C9738F



9B6D64



4D4547



8C002E



0D0004



# Inverse Universe

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



9B6476



C9738F



64929B



4D4547



8C002E

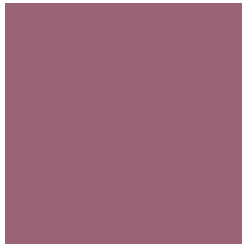


0D0004



# Previews

## White Background



This preview shows how the Hex color 9B6476 looks on a white background.

## Color Contrast Check

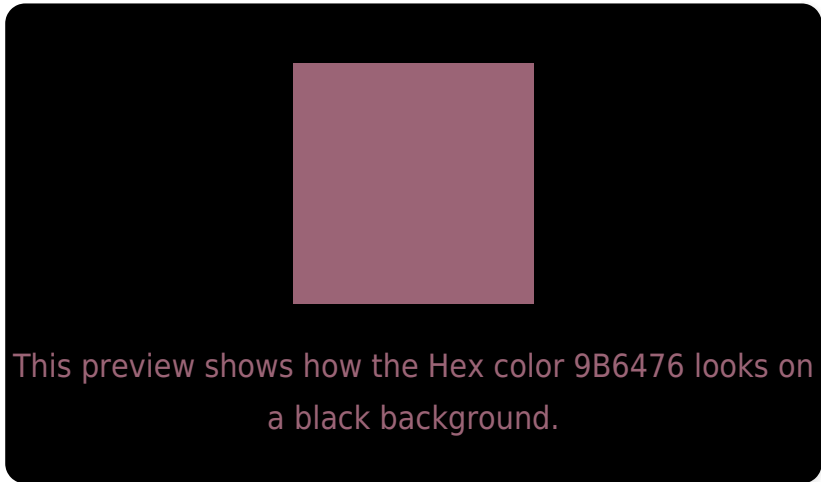
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 9B6476 Background



This preview shows how black text looks on a background with the Hex color 9B6476.



This preview shows how white text looks on a background with the Hex color 9B6476.

# 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**  
9B6476

**Protanopia**  
73737F

**Deuteranopia**  
7F7074



**Tritanopia**  
9A666D

# Trichromacy



**Original Color**  
9B6476

**Protanomaly**  
826E7C

**Deuteranomaly**  
896C75

**Tritanomaly**  
9A6570

# Monochromacy



**Original Color**  
9B6476

**Achromatopsia**  
767676

**Achromatomaly**  
836F76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B6476 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 #9B6476 looks like.

```
.text, #text, p{  
    color:#9B6476  
}
```

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 #9B6476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B6476
}
```

## Border

The CSS property to change the border of an element to Hex 9B6476 is called "border". The border property can be set on classes, ids or directly on the HTML element.

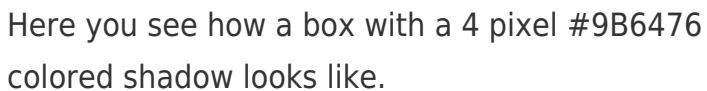
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B6476 }
```

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

```
.border{ border-color:#9B6476 }
```

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



Here you see how a box with a 4 pixel #9B6476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B6476; -webkit-box-shadow:4px 4px  
4px 4px #9B6476; box-shadow:4px 4px 4px  
4px #9B6476 }
```

# Background

The CSS property to change the background color of an element to Hex 9B6476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B6476 }
```

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

```
.background{ background-color:#9B6476 }
```

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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