

# Converting Colors

Hex(9D5476)

Have a look what the booklet for  
Hex(9D5476) contains.

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# Color

**Hex(9D5476)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D5476
RGB	157, 84, 118
RGB Percent	62%, 33%, 46%
CMY	0.3843, 0.6706, 0.5373
CMYK	0.00, 0.46, 0.25, 0.38
HSL	332°, 30%, 47%
HSV	332°, 46%, 62%
XYZ	20.3450, 14.8168, 18.9272
YIQ	109.7030, 32.5940, 26.0500

# Conversions

## Conversions Part 2

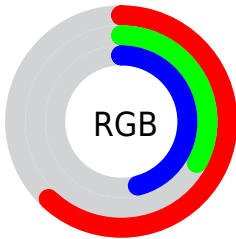
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 84, 118
Decimal	10310774
CIE <sub>Lab</sub>	45.38, 34.52, -5.79
CIE <sub>LCh</sub>	45, 34.999, 350.481
Yxy	14.8168, 0.3761, 0.2739
Android (android.graphics.Color)	4288500854 (0xFF9D5476)
YUV	109.7030, 4.0904, 41.4795
Hunter-Lab	38.4925, 26.9830, -2.2087

# Details

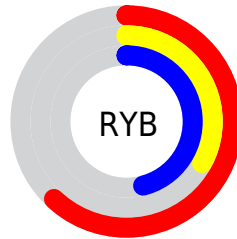
The Hex color **9D5476** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **549D7B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D587AA**, and **672346** is the 20% darker color. If you saturate the color by 10%, you get **9D446E**, and if you desaturate by 10%, it is **9D647E**.

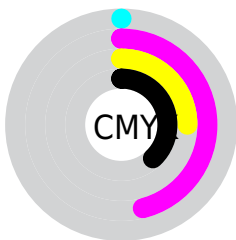
# Distribution



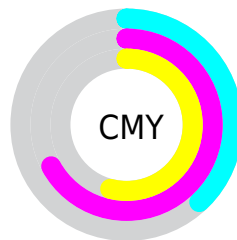
- Red (62%)
- Green (33%)
- Blue (46%)



- Red (62%)
- Yellow (33%)
- Blue (46%)



- Cyan (0%)
- Magenta (46%)
- Yellow (25%)
- Black (38%)



- Cyan (38%)
- Magenta (67%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D5476 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 9D5476 by changing the saturation by 10% instead.



 9D5476

 9D5476

FFFFFF

 823B5D

 D587AA

 672346

 F2A2C5

 4E082F

 FFBEE1

 35001B

 FFDAFE

 1C0001

 FFF7FF

 000000

 9D5476

 9D5476

 9D446E

 9D647E

 9D3565

 9D7387

 9D255D

 9D838F

 9D1554

 9D9398

 9D054C

 9DA3A0

 9D0049

 9DB2A8

 9DC2B1

 9DD2B9

 9DE1C1

# Harmonies

## Analogous

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



875C91



9D5476



A35459

# Triad

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



9D5476



697033



007898

# Complementary

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



9D5476



549D7B

# 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.



007A7F



9D5476



477645

# Square

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



9D5476



856731



0E7A61



1C71A5

# Rectangle

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



9D5476



9E5947



0E7A61



007991



# Sweetspot

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



9D5476



CCAFBD



7B549D



66555D



E6E6E6



666666



# Same Dimension

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



9D5476



CC5A8F



9D5654



4F474B



8F0043



0F0007



# Inverse Universe

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



9D5476



CC5A8F



549B9D



4F474B



8F0043

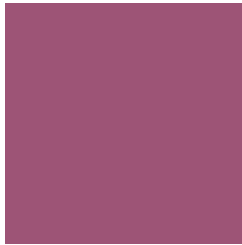


0F0007



# Previews

## White Background



This preview shows how the Hex color 9D5476 looks on a white background.

## Color Contrast Check

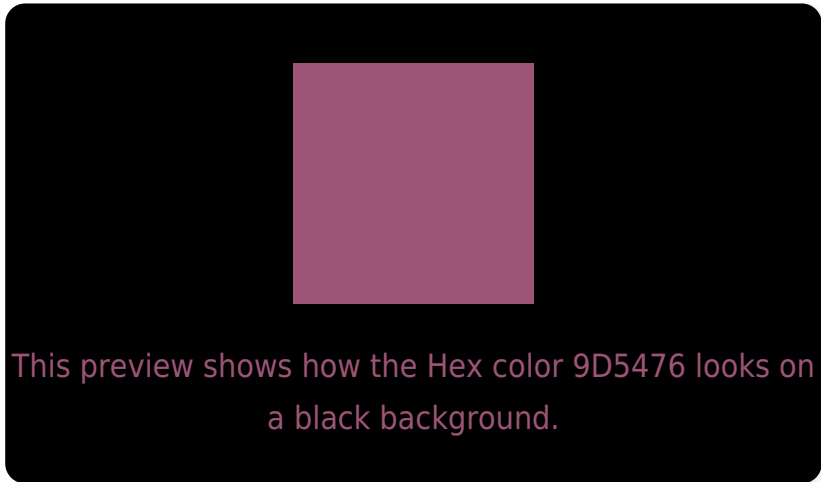
Large Text (above 18pt) WCAG AA ✓ Pass

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

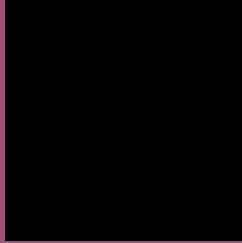
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9D5476 Background



This preview shows how black text looks on a background with the Hex color 9D5476.



This preview shows how white text looks on a background with the Hex color 9D5476.

# 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**  
9D5476

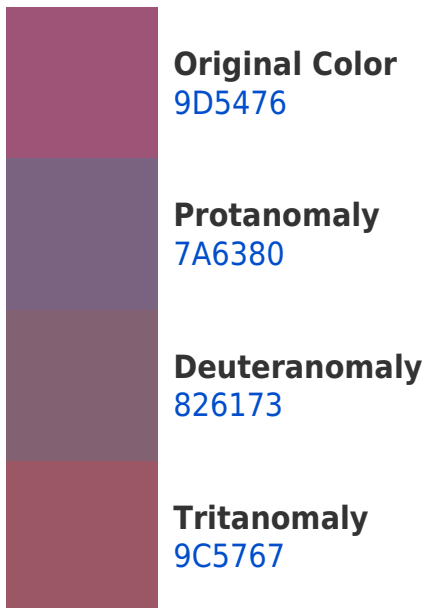
**Protanopia**  
666B85

**Deuteranopia**  
736972

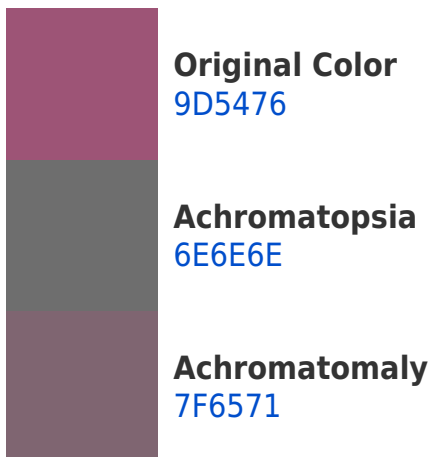


**Tritanopia**  
9B585F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D5476 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 #9D5476 looks like.

```
.text, #text, p{  
    color:#9D5476  
}
```

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 #9D5476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D5476
}
```

## Border

The CSS property to change the border of an element to Hex 9D5476 is called "border". The border property can be set on classes, ids or directly on the HTML element.

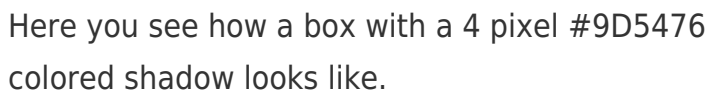
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D5476 }
```

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

```
.border{ border-color:#9D5476 }
```

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



Here you see how a box with a 4 pixel #9D5476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D5476; -webkit-box-shadow:4px 4px  
4px 4px #9D5476; box-shadow:4px 4px 4px  
4px #9D5476 }
```

# Background

The CSS property to change the background color of an element to Hex 9D5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D5476 }
```

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

```
.background{ background-color:#9D5476 }
```

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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