

Converting Colors

Hex(9D6166)

Have a look what the booklet for
Hex(9D6166) contains.

Hex(9D6166)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9D6166)

Conversions

Conversions Part 1

Format	Color
Hex	9D6166
RGB	157, 97, 102
RGB Percent	62%, 38%, 40%
CMY	0.3843, 0.6196, 0.6000
CMYK	0.00, 0.38, 0.35, 0.38
HSL	355°, 24%, 50%
HSV	355°, 38%, 62%
XYZ	20.5776, 16.6768, 14.7048
YIQ	115.5100, 34.1550, 14.2750

Conversions

Conversions Part 2

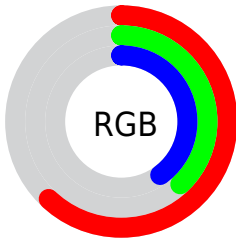
Format	Color
R_{YB}	157, 97, 102
Decimal	10314086
CIE _{Lab}	47.85, 25.01, 7.48
CIE _{LCh}	48, 26.108, 16.638
Yxy	16.6768, 0.3960, 0.3210
Android (android.graphics.Color)	4288504166 (0xFF9D6166)
YUV	115.5100, -6.6604, 36.3867
Hunter-Lab	40.8372, 18.4797, 7.2368

Details

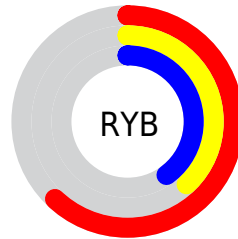
The Hex color **9D6166** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **619D98**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **D59499**, and **683137** is the 20% darker color. If you saturate the color by 10%, you get **9D5158**, and if you desaturate by 10%, it is **9D7174**.

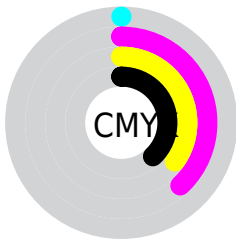
Distribution



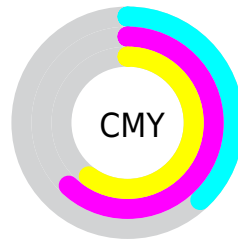
- Red (62%)
- Green (38%)
- Blue (40%)



- Red (62%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (35%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D6166 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 9D6166 by changing the saturation by 10% instead.

 9D6166

 9D6166

FFFFFF

 82494E

 D59499

 683137

 F2AFB4

 4E1A22

 FFCBCF

 35040C

 FFE7EB

 1D0001

 000000

 9D6166

 9D6166

 9D5158

 9D7174

 9D4249

 9D8083

 9D323B

 9D9091

 9D222C

 9DA0A0

 9D121E

 9DB0AE

 9D0310

 9DBFBC

 9D000D

 9DCFCB

 9DDFD9

 9DEEE8

Harmonies

Analogous

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



96627C



9D6166



986653

Triad

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



9D6166



5B7A53



43779C

Complementary

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



9D6166



619D98

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.



247B91



9D6166



407D67

Square

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



9D6166



747447



267D7D



666F9C

Rectangle

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



9D6166



8F6A4A



267D7D



377999

Sweetspot

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



9D6166



CCB6B7



98619D



66595A



E6E6E6



666666

Same Dimension

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



9D6166



CC6E76



9D7A61



4F4748



8F000C



0F0001

Inverse Universe

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



9D6166



CC6E76



61849D



4F4748



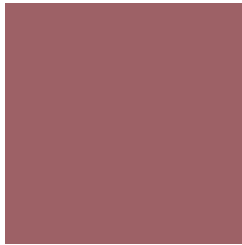
8F000C



0F0001

Previews

White Background



This preview shows how the Hex color 9D6166 looks on a white background.

Color Contrast Check

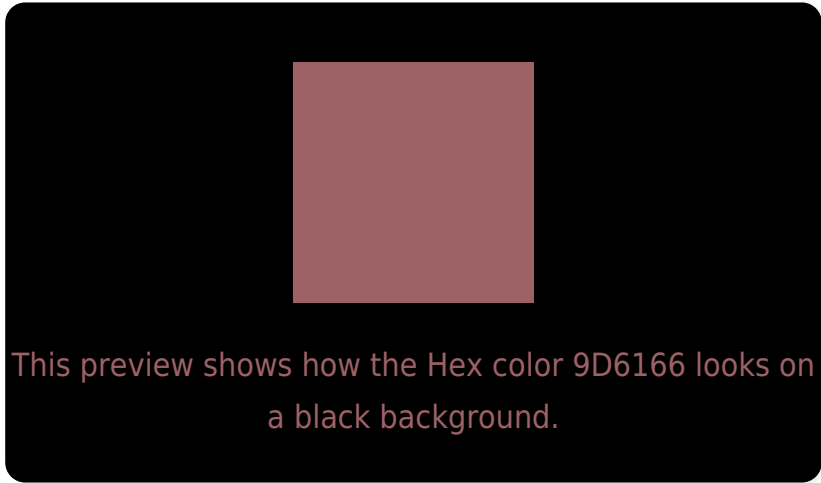
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D6166 Background



This preview shows how black text looks on a background with the Hex color 9D6166.



This preview shows how white text looks on a background with the Hex color 9D6166.

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
9D6166

Protanopia
75716F

Deuteranopia
826E64



Tritanopia
9D6168

Trichromacy



Original Color
9D6166

Protanomaly
846B6C

Deuteranomaly
8C6965

Tritanomaly
9D6167

Monochromacy



Original Color
9D6166

Achromatopsia
747474

Achromatomaly
836D6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D6166 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 #9D6166 looks like.

```
.text, #text, p{  
    color:#9D6166  
}
```

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 #9D6166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D6166
}
```

Border

The CSS property to change the border of an element to Hex 9D6166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

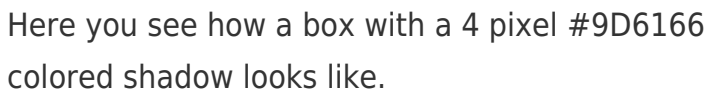
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D6166 }
```

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

```
.border{ border-color:#9D6166 }
```

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



Here you see how a box with a 4 pixel #9D6166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D6166; -webkit-box-shadow:4px 4px  
4px 4px #9D6166; box-shadow:4px 4px 4px  
4px #9D6166 }
```

Background

The CSS property to change the background color of an element to Hex 9D6166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D6166 }
```

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

```
.background{ background-color:#9D6166 }
```

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