

Converting Colors

Hex(9DB162)

Have a look what the booklet for
Hex(9DB162) contains.

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Color

Hex(9DB162)

Conversions

Conversions Part 1

Format	Color
Hex	9DB162
RGB	157, 177, 98
RGB Percent	62%, 69%, 38%
CMY	0.3843, 0.3059, 0.6157
CMYK	0.11, 0.00, 0.45, 0.31
HSL	75°, 34%, 54%
HSV	75°, 45%, 69%
XYZ	31.8314, 39.4942, 17.5007
YIQ	162.0140, 13.4390, -28.8090

Conversions

Conversions Part 2

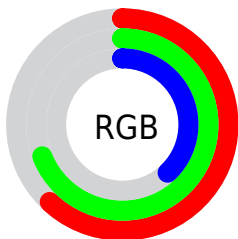
Format	Color
RYB	98, 177, 118
Decimal	10334562
CIELab	69.11, -19.62, 38.00
CIELCh	69, 42.763, 117.311
Yxy	39.4942, 0.3584, 0.4446
Android (android.graphics.Color)	4288524642 (0xFF9DB162)
YUV	162.0140, -31.5589, -4.3973
Hunter-Lab	62.8444, -19.5656, 27.4802

Details

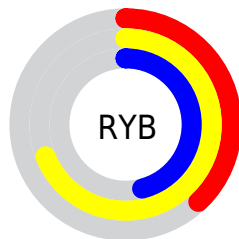
The Hex color **9DB162** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7662B1**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D5E996**, and **687C31** is the 20% darker color. If you saturate the color by 10%, you get **99B150**, and if you desaturate by 10%, it is **A1B174**.

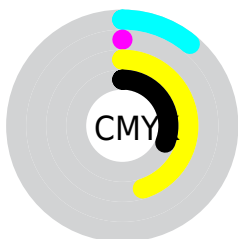
Distribution



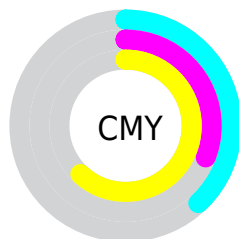
- Red (62%)
- Green (69%)
- Blue (38%)



- Red (38%)
- Yellow (69%)
- Blue (46%)



- Cyan (11%)
- Magenta (0%)
- Yellow (45%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DB162 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 9DB162 by changing the saturation by 10% instead.



9DB162



9DB162

FFFFFF



829649



D5E996



687C31



F2FFB1



4F6318



FFFCD



364B00



FFFEA



1F3500



002000



000000



9DB162



9DB162



99B150



A1B174

94B13F

A6B185

90B12D

AAB197

8BB11B

AFB1A9

87B10A

B3B1BB

84B100

B8B1CC

BCB1DE

C1B1F0

C5B1FF

Harmonies

Analogous

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



C4A55A



9DB162



6EB97D

Triad

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



9DB162



00B7E9



EF8AAE

Complementary

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



9DB162



7662B1

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.



D692D3



9DB162



64AEF6

Square

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



9DB162



00BCCB



A7A0ED



F28C87

Rectangle

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



9DB162



48BC96



A7A0ED



E98BBB

Sweetspot

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



9DB162



DEE6C8



B17662



6E7360



F2F2F2



737373

Same Dimension

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



9DB162



C6E66A



76B162



575950



729900



131A00

Inverse Universe

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



7662B1



896AE6



9D62B1



535059



270099



06001A

Previews

White Background



This preview shows how the Hex color 9DB162 looks on a white background.

Color Contrast Check

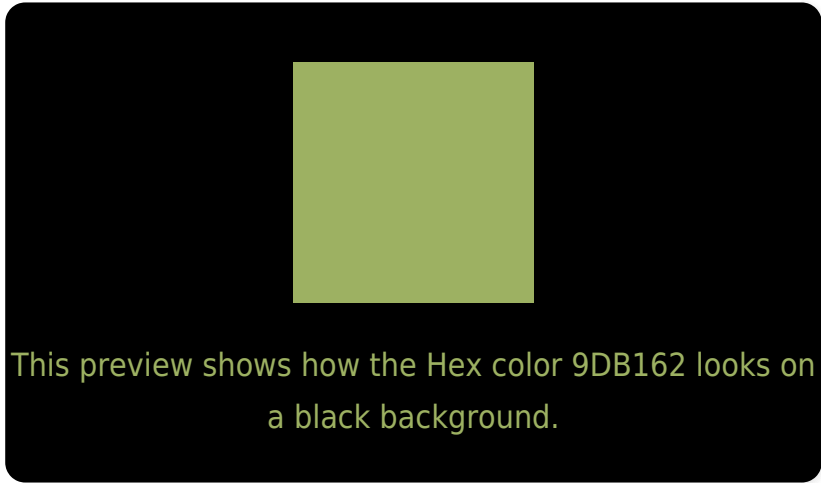
Large Text (above 18pt) WCAG AA × Fail

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](#).

Hex 9DB162 Background



This preview shows how black text looks on a background with the Hex color 9DB162.

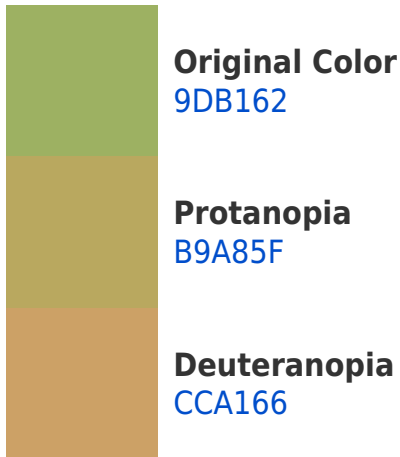


This preview shows how white text looks on a background with the Hex color 9DB162.

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](#).

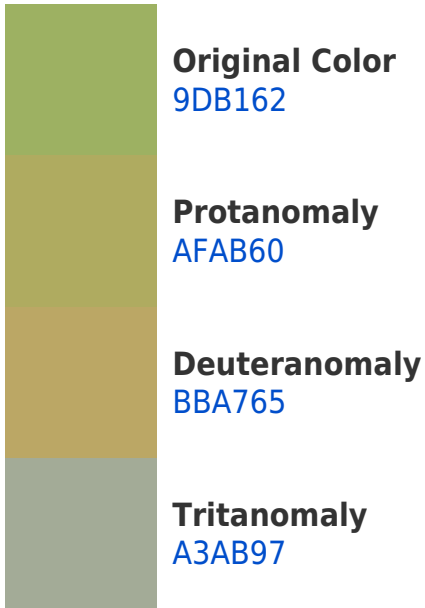
Dichromacy



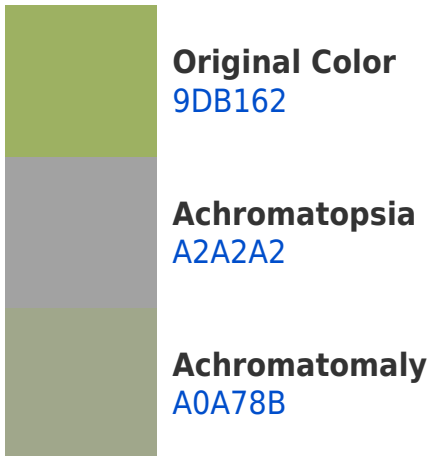


Tritanopia
A7A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DB162 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 #9DB162 looks like.

```
.text, #text, p{  
    color:#9DB162  
}
```

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 #9DB162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB162
}
```

Border

The CSS property to change the border of an element to Hex 9DB162 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
#9DB162 }
```

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

```
.border{ border-color:#9DB162 }
```

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

Here you see how a box with a 4 pixel #9DB162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB162; -webkit-box-shadow:4px 4px  
4px 4px #9DB162; box-shadow:4px 4px 4px  
4px #9DB162 }
```

Background

The CSS property to change the background color of an element to Hex 9DB162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB162 }
```

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

```
.background{ background-color:#9DB162 }
```

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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