

Converting Colors

Hex(9DB172)

Have a look what the booklet for
Hex(9DB172) contains.

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Color

Hex(9DB172)

Conversions

Conversions Part 1

Format	Color
Hex	9DB172
RGB	157, 177, 114
RGB Percent	62%, 69%, 45%
CMY	0.3843, 0.3059, 0.5529
CMYK	0.11, 0.00, 0.36, 0.31
HSL	79°, 29%, 57%
HSV	79°, 36%, 69%
XYZ	32.6640, 39.8273, 21.8854
YIQ	163.8380, 8.3030, -23.8330

Conversions

Conversions Part 2

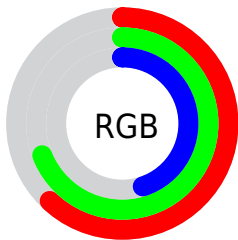
Format	Color
RYB	114, 177, 134
Decimal	10334578
CIELab	69.35, -17.65, 29.99
CIELCh	69, 34.800, 120.471
Yxy	39.8273, 0.3461, 0.4220
Android (android.graphics.Color)	4288524658 (0xFF9DB172)
YUV	163.8380, -24.5701, -5.9969
Hunter-Lab	63.1089, -18.0521, 23.6151

Details

The Hex color **9DB172** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8672B1**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **D4E9A7**, and **697C41** is the 20% darker color. If you saturate the color by 10%, you get **97B160**, and if you desaturate by 10%, it is **A3B184**.

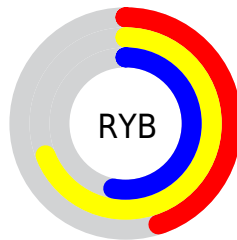
Distribution



Red (62%)

Green (69%)

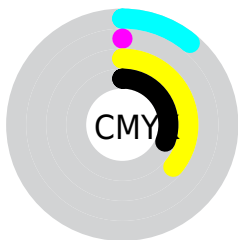
Blue (45%)



Red (45%)

Yellow (69%)

Blue (53%)

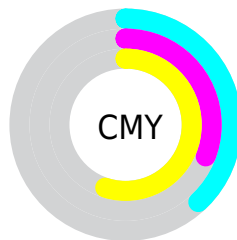


Cyan (11%)

Magenta (0%)

Yellow (36%)

Black (31%)



Cyan (38%)

Magenta (31%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DB172 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 9DB172 by changing the saturation by 10% instead.



9DB172



9DB172

FFFFFF



829659



D4E9A7



697C41



F1FFC2



50632A



FFFFDE



384B13



FFFFFB



213500



062000



000000



9DB172



9DB172



97B160



A3B184

 92B14F

 A8B195

 8CB13D

 AEB1A7

 87B12B

 B3B1B9

 81B11A

 B9B1CB

 7BB108

 BFB1DC

 79B100

 C4B1EE

 CAB1FF

 D0B1FF

Harmonies

Analogous

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



BEA86A



9DB172



78B789

Triad

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



9DB172



4CB5DF



E591AA

Complementary

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



9DB172



8672B1

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.



D296C9



9DB172



7EACE8

Square

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



9DB172



34BAC8



AEA1E0



E6948B

Rectangle

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



9DB172



5DBA9E



AEA1E0



E092B5

Sweetspot

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



9DB172



DDE6CC



B18672



6E7364



F2F2F2



737373

Same Dimension

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



9DB172



C6E683



7EB172



565950



689900



111A00

Inverse Universe

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



8672B1



A283E6



A572B1



535059



310099



08001A

Previews

White Background



This preview shows how the Hex color 9DB172 looks on a white background.

Color Contrast Check

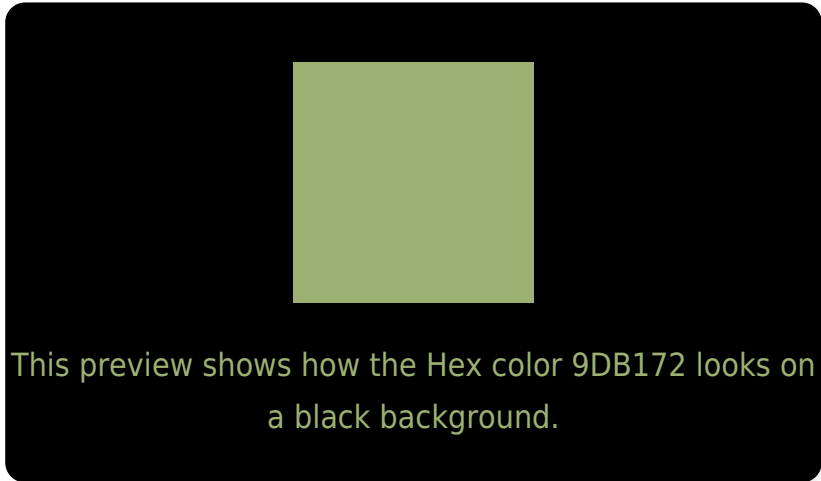
Large Text (above 18pt) WCAG AA × Fail

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

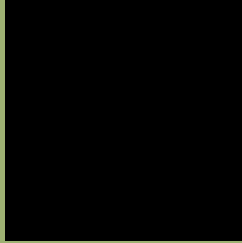
Any Text WCAG AA ✓ Pass

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 9DB172 Background



This preview shows how black text looks on a background with the Hex color 9DB172.



This preview shows how white text looks on a background with the Hex color 9DB172.

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
9DB172

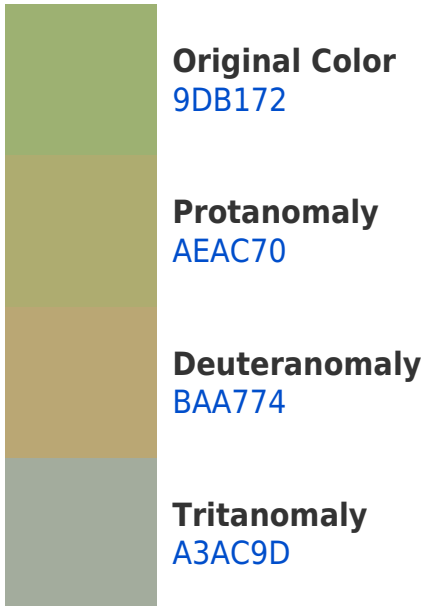
Protanopia
B8A96F

Deuteranopia
CAA275

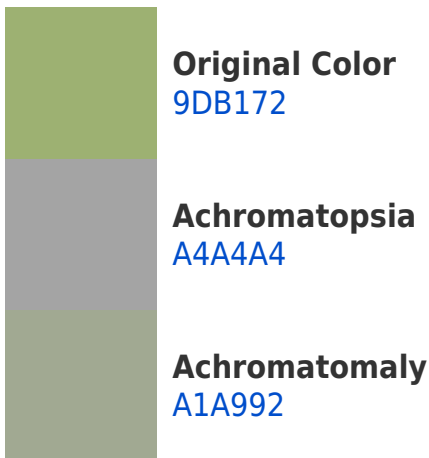


Tritanopia
A6A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DB172 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 #9DB172 looks like.

```
.text, #text, p{  
    color:#9DB172  
}
```

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 #9DB172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB172
}
```

Border

The CSS property to change the border of an element to Hex 9DB172 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
#9DB172 }
```

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

```
.border{ border-color:#9DB172 }
```

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

Here you see how a box with a 4 pixel #9DB172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB172; -webkit-box-shadow:4px 4px  
4px 4px #9DB172; box-shadow:4px 4px 4px  
4px #9DB172 }
```

Background

The CSS property to change the background color of an element to Hex 9DB172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB172 }
```

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

```
.background{ background-color:#9DB172 }
```

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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