

Converting Colors

Hex(9DB748)

Have a look what the booklet for
Hex(9DB748) contains.

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Color

Hex(9DB748)

Conversions

Conversions Part 1

Format	Color
Hex	9DB748
RGB	157, 183, 72
RGB Percent	62%, 72%, 28%
CMY	0.3843, 0.2824, 0.7176
CMYK	0.14, 0.00, 0.61, 0.28
HSL	74°, 44%, 50%
HSV	74°, 61%, 72%
XYZ	32.0078, 41.5030, 12.4548
YIQ	162.5720, 20.1350, -40.0330

Conversions

Conversions Part 2

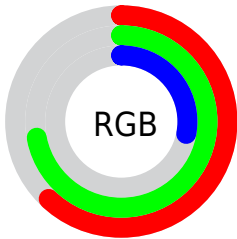
Format	Color
RYB	72, 183, 98
Decimal	10336072
CIELab	70.53, -25.10, 52.10
CIElCh	71, 57.828, 115.721
Yxy	41.5030, 0.3723, 0.4828
Android (android.graphics.Color)	4288526152 (0xFF9DB748)
YUV	162.5720, -44.6520, -4.8866
Hunter-Lab	64.4228, -24.0539, 33.6335

Details

The Hex color **9DB748** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **6248B7**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D6EF7D**, and **67820E** is the 20% darker color. If you saturate the color by 10%, you get **99B736**, and if you desaturate by 10%, it is **A1B75A**.

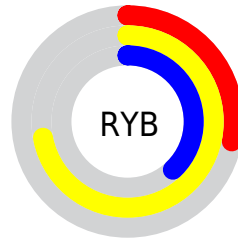
Distribution



Red (62%)

Green (72%)

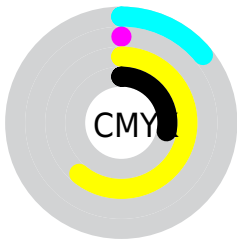
Blue (28%)



Red (28%)

Yellow (72%)

Blue (38%)

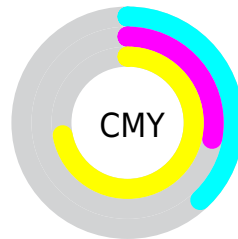


Cyan (14%)

Magenta (0%)

Yellow (61%)

Black (28%)



Cyan (38%)

Magenta (28%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DB748 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 9DB748 by changing the saturation by 10% instead.



9DB748



9DB748

FFFFFF



829C2D



D6EF7D



67820E



F3FF98



4C6900



FFFFB3



335100



FFFFD0



183900



FFFFED



002400



000400



000000



9DB748



9DB748

■ 99B736

■ A1B75A

■ 94B723

■ A6B76D

■ 90B711

■ AAB77F

■ 8CB700

■ AEB791

■ B2B7A4

■ B7B7B6

■ BBB7C8

■ BFB7DA

■ C4B7ED

Harmonies

Analogous

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



D0A73E



9DB748



5AC16F

Triad

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



9DB748



00C1FF



FF7FB6

Complementary

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



9DB748



6248B7

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.



E68CE8



9DB748



00B5FF

Square

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



9DB748



00C6D9



A2A2FF



FF8282

Rectangle

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



9DB748



00C591



A2A2FF



FF82C8

Sweetspot

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



9DB748



E3EDC2



B76248



72785D



F7F7F7



787878

Same Dimension

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



9DB748



C5ED40



66B748



5A5C53



779C00



151C00

Inverse Universe

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



6248B7



6940ED



9948B7



55535C



24009C



07001C

Previews

White Background



This preview shows how the Hex color 9DB748 looks on a white background.

Color Contrast Check

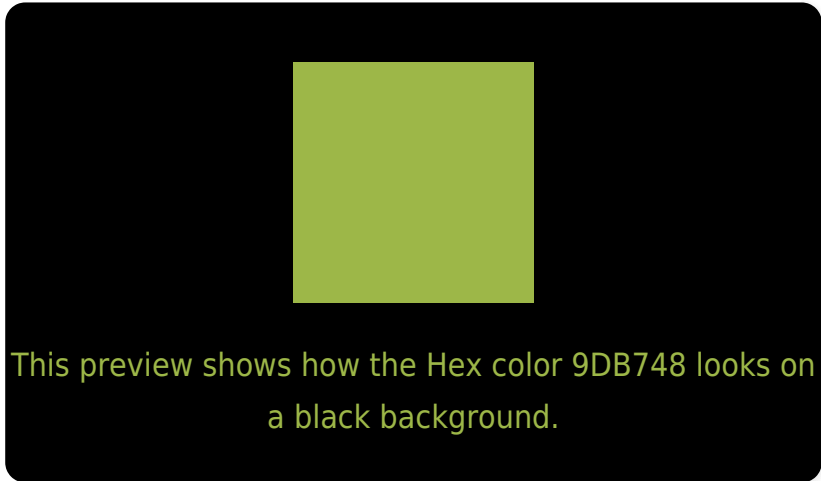
Large Text (above 18pt) WCAG AA × Fail

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 9DB748 Background



This preview shows how black text looks on a background with the Hex color 9DB748.



This preview shows how white text looks on a background with the Hex color 9DB748.

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

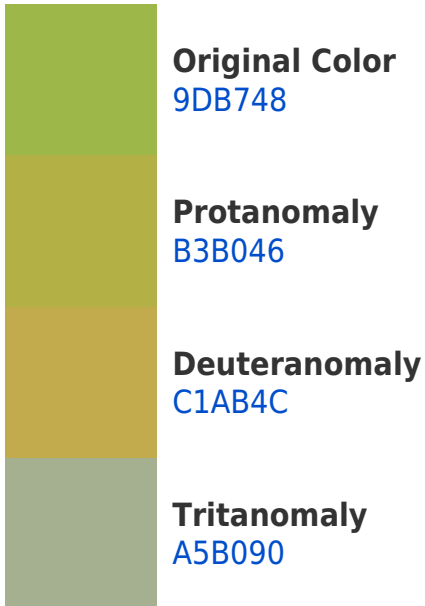


Original Color
9DB748

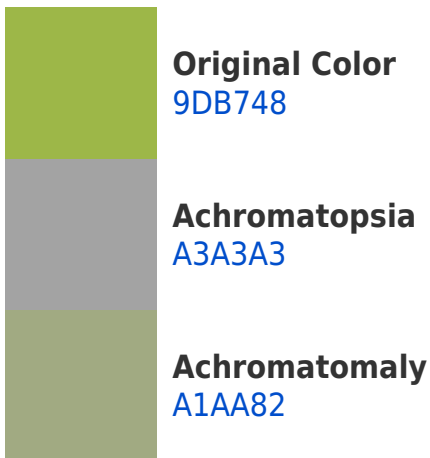
Protanopia
C0AC45

Deuteranopia
D5A44E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DB748 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 #9DB748 looks like.

```
.text, #text, p{  
    color:#9DB748  
}
```

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 #9DB748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB748
}
```

Border

The CSS property to change the border of an element to Hex 9DB748 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
#9DB748 }
```

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

```
.border{ border-color:#9DB748 }
```

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

Here you see how a box with a 4 pixel #9DB748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB748; -webkit-box-shadow:4px 4px  
4px 4px #9DB748; box-shadow:4px 4px 4px  
4px #9DB748 }
```

Background

The CSS property to change the background color of an element to Hex 9DB748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB748 }
```

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

```
.background{ background-color:#9DB748 }
```

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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