

Converting Colors

Hex(C9B163)

Have a look what the booklet for
Hex(C9B163) contains.

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Color

Hex(C9B163)

Conversions

Conversions Part 1

Format	Color
Hex	C9B163
RGB	201, 177, 99
RGB Percent	79%, 69%, 39%
CMY	0.2118, 0.3059, 0.6118
CMYK	0.00, 0.12, 0.51, 0.21
HSL	46°, 49%, 59%
HSV	46°, 51%, 79%
XYZ	42.0617, 44.7626, 18.2275
YIQ	175.2840, 39.3420, -19.1700

Conversions

Conversions Part 2

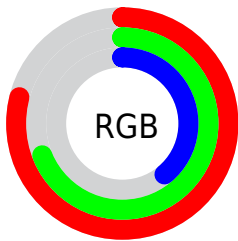
Format	Color
RYB	130, 201, 99
Decimal	13218147
CIELab	72.74, -1.46, 42.77
CIELCh	73, 42.790, 91.949
Yxy	44.7626, 0.4004, 0.4261
Android (android.graphics.Color)	4291408227 (0xFFC9B163)
YUV	175.2840, -37.6080, 22.5529
Hunter-Lab	66.9049, -4.8644, 30.6805

Details

The Hex color **C9B163** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **637BC9**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFE897**, and **917D31** is the 20% darker color. If you saturate the color by 10%, you get **C9AC4F**, and if you desaturate by 10%, it is **C9B677**.

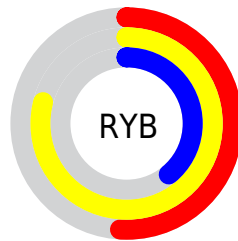
Distribution



Red (79%)

Green (69%)

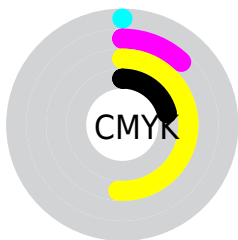
Blue (39%)



Red (51%)

Yellow (79%)

Blue (39%)

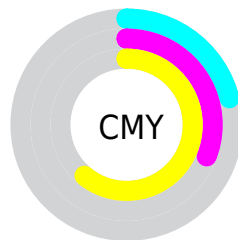


Cyan (0%)

Magenta (12%)

Yellow (51%)

Black (21%)



Cyan (21%)

Magenta (31%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9B163 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 C9B163 by changing the saturation by 10% instead.

 C9B163

 C9B163

FFFFFF

 AD964A

 FFE897

 917D31

 FFFFFB3

 766418

 FFFFCF

 5B4C00

 FFFFEB

 423600

 292100

 0C0B00

 000000

 C9B163

 C9B163

 C9AC4F

 C9B677

 C9A83B

 C9BA8B

 C9A327

 C9BF9F

 C99E13

 C9C4B3

 C99A00

 C9C9C8

 C9CDDC

 C9D2F0

 C9D7FF

 C9DCFF

Harmonies

Analogous

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



E9A36E



C9B163



A0BC6E

Triad

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



C9B163



00C6DB



E69AD8

Complementary

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



C9B163



637BC9

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.



BAA7F5



C9B163



1EC0F7

Square

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



C9B163



2FC7B4



7BB6FF



FC93B1

Rectangle

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



C9B163



81C281



7BB6FF



D99EE3

Sweetspot

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



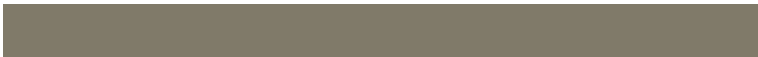
C9B163



FFF6D9



C9637D



807A69



000000



808080

Same Dimension

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



C9B163



FFDA63



B0C963



63615A



A37D00



241B00

Inverse Universe

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



637BC9



6388FF



7D63C9



5A5C63



0026A3



000824

Previews

White Background



This preview shows how the Hex color C9B163 looks on a white background.

Color Contrast Check

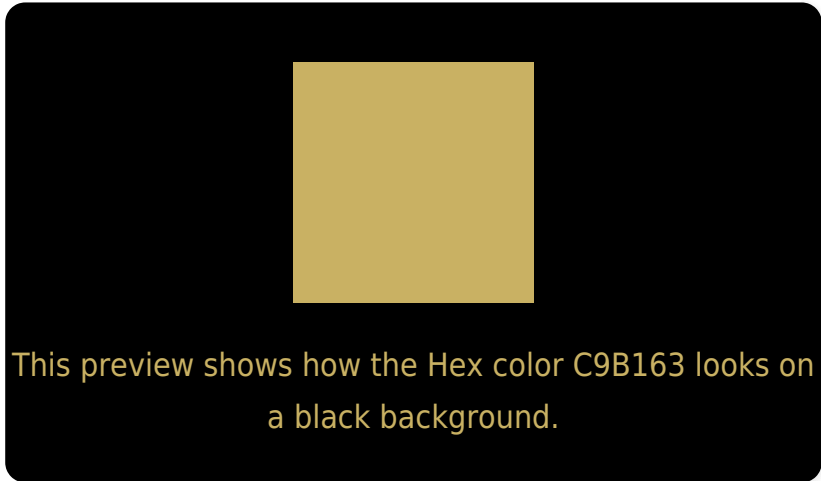
Large Text (above 18pt) WCAG AA × Fail

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 C9B163 Background



This preview shows how black text looks on a background with the Hex color C9B163.

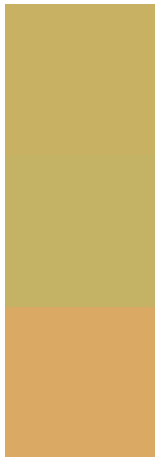


This preview shows how white text looks on a background with the Hex color C9B163.

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
C9B163

Protanopia
C4B364

Deuteranopia
DAAA65

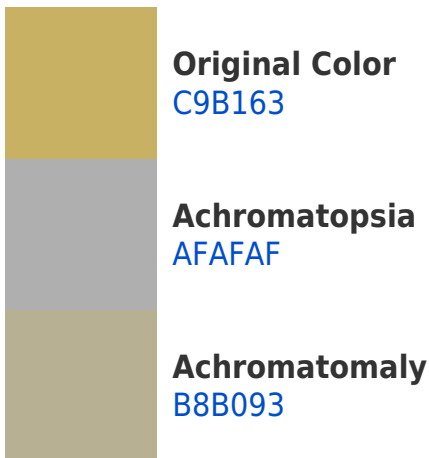


Tritanopia
D1A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9B163 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 #C9B163 looks like.

```
.text, #text, p{  
    color:#C9B163  
}
```

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 #C9B163 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9B163
}
```

Border

The CSS property to change the border of an element to Hex C9B163 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
#C9B163 }
```

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

```
.border{ border-color:#C9B163 }
```

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

Here you see how a box with a 4 pixel #C9B163 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9B163; -webkit-box-shadow:4px 4px  
4px 4px #C9B163; box-shadow:4px 4px 4px  
4px #C9B163 }
```

Background

The CSS property to change the background color of an element to Hex C9B163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9B163 }
```

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

```
.background{ background-color:#C9B163 }
```

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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