

Converting Colors

Hex(C9B156)

Have a look what the booklet for
Hex(C9B156) contains.

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Color

Hex(C9B156)

Conversions

Conversions Part 1

Format	Color
Hex	C9B156
RGB	201, 177, 86
RGB Percent	79%, 69%, 34%
CMY	0.2118, 0.3059, 0.6627
CMYK	0.00, 0.12, 0.57, 0.21
HSL	47°, 52%, 56%
HSV	47°, 57%, 79%
XYZ	41.4892, 44.5337, 15.2132
YIQ	173.8020, 43.5150, -23.2130

Conversions

Conversions Part 2

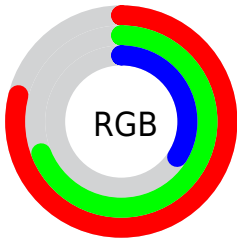
Format	Color
RYB	116, 201, 86
Decimal	13218134
CIELab	72.58, -2.54, 48.95
CIELCh	73, 49.016, 92.969
Yxy	44.5337, 0.4098, 0.4399
Android (android.graphics.Color)	4291408214 (0xFFC9B156)
YUV	173.8020, -43.2864, 23.8526
Hunter-Lab	66.7336, -5.8076, 33.1972

Details

The Hex color **C9B156** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **566EC9**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE88A**, and **907D22** is the 20% darker color. If you saturate the color by 10%, you get **C9AD42**, and if you desaturate by 10%, it is **C9B56A**.

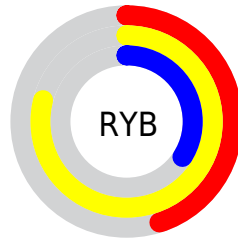
Distribution



Red (79%)

Green (69%)

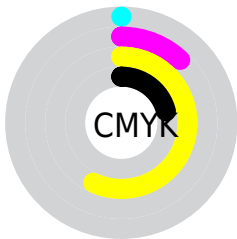
Blue (34%)



Red (45%)

Yellow (79%)

Blue (34%)

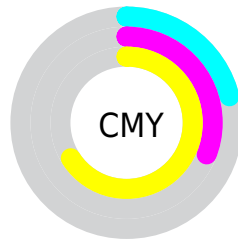


Cyan (0%)

Magenta (12%)

Yellow (57%)

Black (21%)



Cyan (21%)

Magenta (31%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9B156 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 C9B156 by changing the saturation by 10% instead.

 C9B156

 C9B156

FFFFFF

 AC963C

 FFE88A

 907D22

 FFFFA5

 756402

 FFFFC1

 5A4C00

 FFFFDE

 403600

 FFFFFB

 272100

 080B00

 000000

 C9B156

 C9B156

 C9AD42

 C9B56A

 C9A92E

 C9B97E

 C9A41A

 C9BE92

 C9A006

 C9C2A6

 C99F00

 C9C6BB

 C9CACF

 C9CEE3

 C9D3F7

 C9D7FF

Harmonies

Analogous

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



EEA163



C9B156



9ABE64

Triad

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



C9B156



00C8E1



ED94DC

Complementary

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



C9B156



566EC9

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.



BCA5FD



C9B156



00C1FF

Square

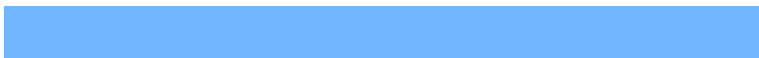
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C9B156



00C9B5



6FB5FF



FF8DAF

Rectangle

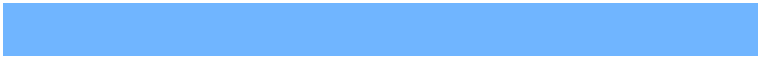
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C9B156



76C47A



6FB5FF



E099E9

Sweetspot

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



C9B156



FFF6D4



C9566F



807A66



000000



808080

Same Dimension

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



C9B156



FFDA4F



A8C956



63615A



A38100



241C00

Inverse Universe

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



566EC9



4F74FF



7756C9



5A5C63



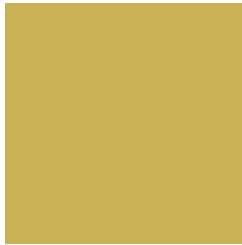
0022A3



000724

Previews

White Background



This preview shows how the Hex color C9B156 looks on a white background.

Color Contrast Check

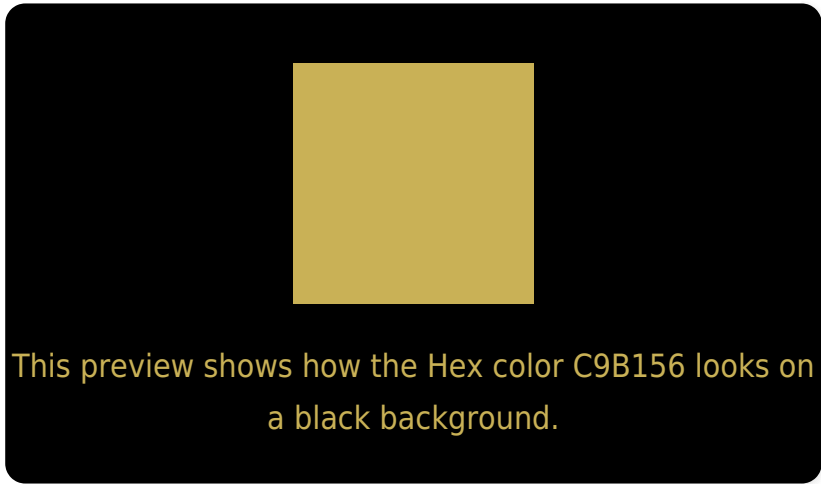
Large Text (above 18pt) WCAG AA × Fail

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 C9B156 Background



This preview shows how black text looks on a background with the Hex color C9B156.

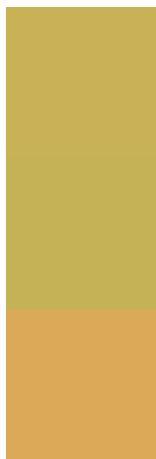


This preview shows how white text looks on a background with the Hex color C9B156.

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
C9B156

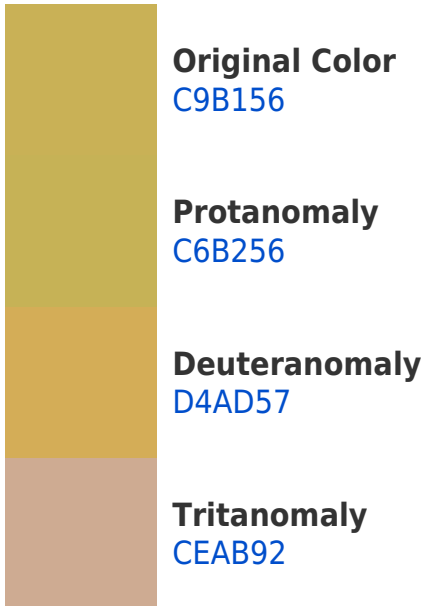
Protanopia
C5B256

Deuteranopia
DBAA58



Tritanopia
D1A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9B156 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 #C9B156 looks like.

```
.text, #text, p{  
    color:#C9B156  
}
```

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 #C9B156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9B156
}
```

Border

The CSS property to change the border of an element to Hex C9B156 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
#C9B156 }
```

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

```
.border{ border-color:#C9B156 }
```

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

Here you see how a box with a 4 pixel #C9B156 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9B156; -webkit-box-shadow:4px 4px  
4px 4px #C9B156; box-shadow:4px 4px 4px  
4px #C9B156 }
```

Background

The CSS property to change the background color of an element to Hex C9B156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9B156 }
```

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

```
.background{ background-color:#C9B156 }
```

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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