

Converting Colors

Hex(C99D56)

Have a look what the booklet for
Hex(C99D56) contains.

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Color

Hex(C99D56)

Conversions

Conversions Part 1

Format	Color
Hex	C99D56
RGB	201, 157, 86
RGB Percent	79%, 62%, 34%
CMY	0.2118, 0.3843, 0.6627
CMYK	0.00, 0.22, 0.57, 0.21
HSL	37°, 52%, 56%
HSV	37°, 57%, 79%
XYZ	37.8241, 37.2033, 13.9915
YIQ	162.0620, 49.0150, -12.7530

Conversions

Conversions Part 2

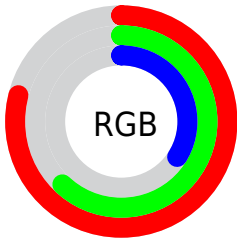
Format	Color
RYB	157, 201, 86
Decimal	13213014
CIELab	67.43, 8.16, 42.92
CIELCh	67, 43.688, 79.230
Yxy	37.2033, 0.4249, 0.4179
Android (android.graphics.Color)	4291403094 (0xFFC99D56)
YUV	162.0620, -37.4986, 34.1486
Hunter-Lab	60.9945, 3.9514, 29.0957

Details

The Hex color **C99D56** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5682C9**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFD38A**, and **906A25** is the 20% darker color. If you saturate the color by 10%, you get **C99542**, and if you desaturate by 10%, it is **C9A56A**.

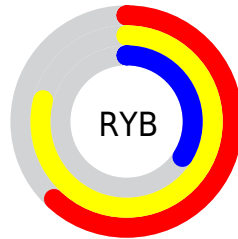
Distribution



Red (79%)

Green (62%)

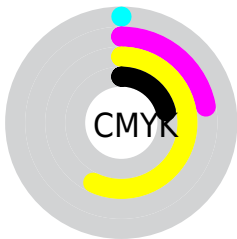
Blue (34%)



Red (62%)

Yellow (79%)

Blue (34%)

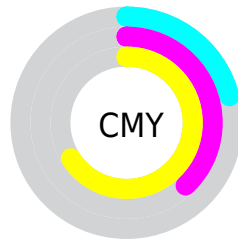


Cyan (0%)

Magenta (22%)

Yellow (57%)

Black (21%)



Cyan (21%)

Magenta (38%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color C99D56 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 C99D56 by changing the saturation by 10% instead.

 C99D56

 C99D56

FFFFFF

 AC833D

 FFD38A

 906A25

 FFF0A4

 74520A

 FFFFFC0


 5A3B00

 FFFFFDC

 3F2500

 FFFFFFF9

 261200

 000000

 C99D56

 C99D56

 C99542

 C9A56A

 C98E2E

 C9AC7E

 C9861A

 C9B492

 C97E06

 C9BCA6

 C97C00

 C9C3BB

 C9CBCF

 C9D3E3

 C9DBF7

 C9E2FF

Harmonies

Analogous

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



E48F6A



C99D56



A3AA58

Triad

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



C99D56



00B9BD



C790D8

Complementary

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



C99D56



5682C9

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.



929FEE



C99D56



00B5DF

Square

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



C99D56



39B894



43ACF1



E786B4

Rectangle

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



C99D56



86B065



43ACF1



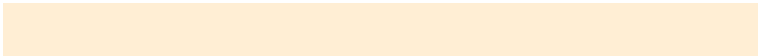
B895E1

Sweetspot

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



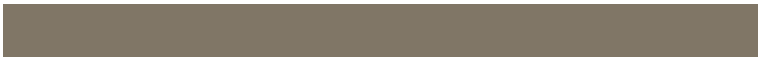
C99D56



FFEED4



C95682



807666



000000



808080

Same Dimension

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



C99D56



FFBC4F



BCC956



63605A



A36500



241600

Inverse Universe

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



5682C9



4F92FF



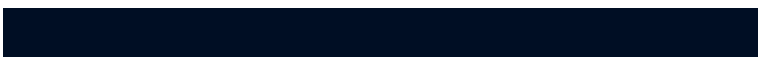
6356C9



5A5D63



003EA3



000E24

Previews

White Background



This preview shows how the Hex color C99D56 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



This preview shows how the Hex color C99D56 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

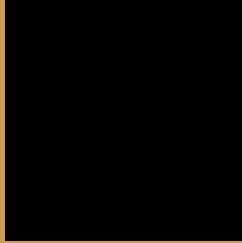
Any Text WCAG AA ✓ Pass

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 C99D56 Background



This preview shows how black text looks on a background with the Hex color C99D56.



This preview shows how white text looks on a background with the Hex color C99D56.

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
C99D56

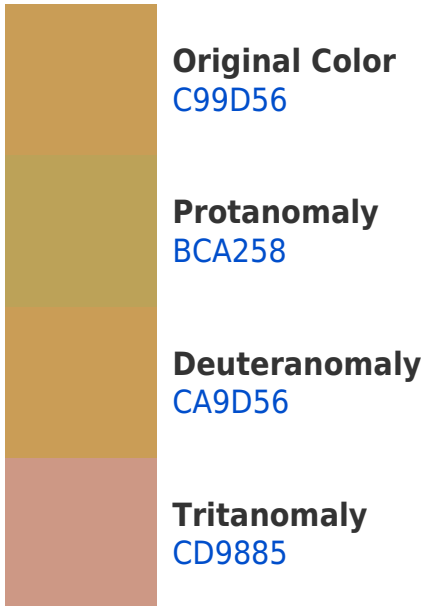
Protanopia
B5A559

Deuteranopia
CA9D56

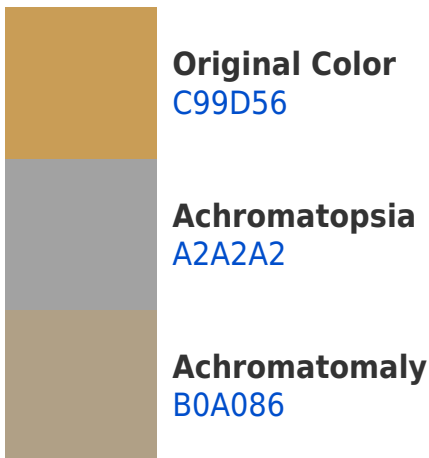


Tritanopia
CF95A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C99D56 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 #C99D56 looks like.

```
.text, #text, p{  
    color:#C99D56  
}
```

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 #C99D56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C99D56
}
```

Border

The CSS property to change the border of an element to Hex C99D56 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
#C99D56 }
```

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

```
.border{ border-color:#C99D56 }
```

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

Here you see how a box with a 4 pixel #C99D56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C99D56; -webkit-box-shadow:4px 4px  
4px 4px #C99D56; box-shadow:4px 4px 4px  
4px #C99D56 }
```

Background

The CSS property to change the background color of an element to Hex C99D56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C99D56 }
```

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

```
.background{ background-color:#C99D56 }
```

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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