

Converting Colors

Hex(C9C643)

Have a look what the booklet for
Hex(C9C643) contains.

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Color

Hex(C9C643)

Conversions

Conversions Part 1

Format	Color
Hex	C9C643
RGB	201, 198, 67
RGB Percent	79%, 78%, 26%
CMY	0.2118, 0.2235, 0.7373
CMYK	0.00, 0.01, 0.67, 0.21
HSL	59°, 55%, 53%
HSV	59°, 67%, 79%
XYZ	45.2946, 53.2109, 13.1936
YIQ	183.9630, 43.8390, -40.1050

Conversions

Conversions Part 2

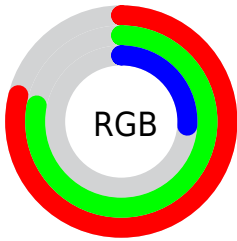
Format	Color
RYB	70, 201, 67
Decimal	13223491
CIELab	78.00, -14.62, 63.10
CIELCh	78, 64.771, 103.048
Yxy	53.2109, 0.4055, 0.4764
Android (android.graphics.Color)	4291413571 (0xFFC9C643)
YUV	183.9630, -57.6628, 14.9414
Hunter-Lab	72.9458, -16.8183, 40.3383

Details

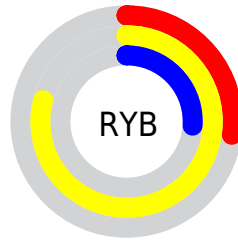
The Hex color **C9C643** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4346C9**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFFE7A**, and **909000** is the 20% darker color. If you saturate the color by 10%, you get **C9C62F**, and if you desaturate by 10%, it is **C9C657**.

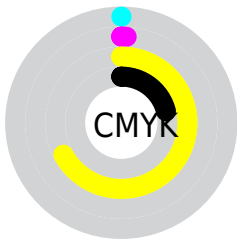
Distribution



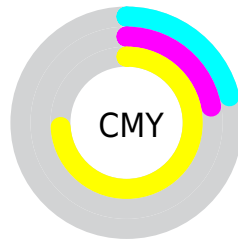
- Red (79%)
- Green (78%)
- Blue (26%)



- Red (27%)
- Yellow (79%)
- Blue (26%)



- Cyan (0%)
- Magenta (1%)
- Yellow (67%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9C643 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 C9C643 by changing the saturation by 10% instead.

 C9C643

 C9C643

FFFFFF

 ACAB25

 FFFE7A

 909000

 FFFF95

 747700

 FFFFFB2

 595E00

 FFFFCE

 3E4700

 FFFFFEB

 243100

 071C00

 000000

 C9C643

 C9C643

 C9C62F

 C9C657

 C9C51B

 C9C76B

 C9C507

 C9C77F

 C9C500

 C9C893

 C9C8A8

 C9C9BC

 C9C9D0

 C9CAE4

 C9CAF8

Harmonies

Analogous

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



FEB14A



C9C643



86D464

Triad

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



C9C643



00DBFF



FF90E5

Complementary

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



C9C643



4346C9

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.



E6A6FF



C9C643



00D1FF

Square

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



C9C643



00DFDA



84BEFF



FF8BA9

Rectangle

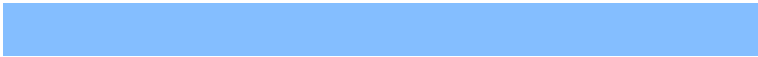
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C9C643



43DA88



84BEFF



FF96F8

Sweetspot

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



C9C643



FFFECC



C94347



807F61



000000



808080

Same Dimension

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



C9C643



FFFA33



8AC943



63635A



A3A000



242300

Inverse Universe

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



4346C9



3338FF



8243C9



5A5A63



0004A3



000124

Previews

White Background



This preview shows how the Hex color C9C643 looks on a white background.

Color Contrast Check

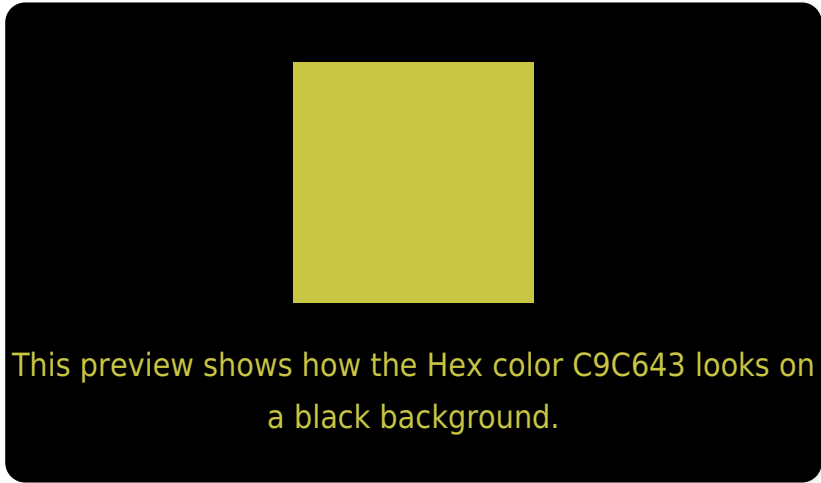
Large Text (above 18pt) WCAG AA × Fail

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 C9C643 Background



This preview shows how black text looks on a background with the Hex color C9C643.

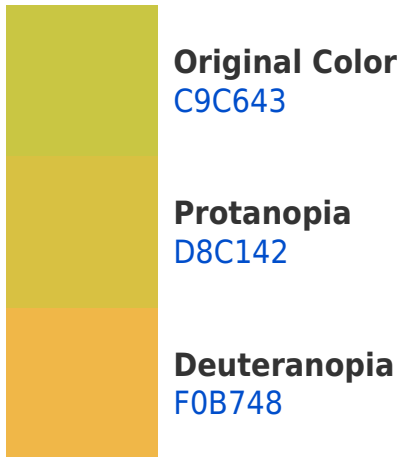


This preview shows how white text looks on a background with the Hex color C9C643.

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](#).

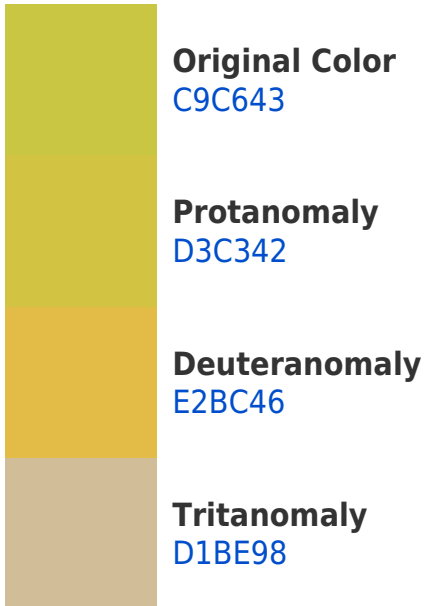
Dichromacy





Tritanopia
D5B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9C643 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 #C9C643 looks like.

```
.text, #text, p{  
    color:#C9C643  
}
```

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 #C9C643 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9C643
}
```

Border

The CSS property to change the border of an element to Hex C9C643 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
#C9C643 }
```

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

```
.border{ border-color:#C9C643 }
```

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

Here you see how a box with a 4 pixel #C9C643 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9C643; -webkit-box-shadow:4px 4px  
4px 4px #C9C643; box-shadow:4px 4px 4px  
4px #C9C643 }
```

Background

The CSS property to change the background color of an element to Hex C9C643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9C643 }
```

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

```
.background{ background-color:#C9C643 }
```

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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