

Converting Colors

Hex(C4D94A)

Have a look what the booklet for
Hex(C4D94A) contains.

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Color

Hex(C4D94A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C4D94A |
| RGB | 196, 217, 74 |
| RGB Percent | 77%, 85%, 29% |
| CMY | 0.2314, 0.1490, 0.7098 |
| CMYK | 0.10, 0.00, 0.66, 0.15 |
| HSL | 69°, 65%, 57% |
| HSV | 69°, 66%, 85% |
| XYZ | 48.8138, 61.8559, 15.8452 |
| YIQ | 194.4190, 33.3870, -48.9250 |

Conversions

Conversions Part 2

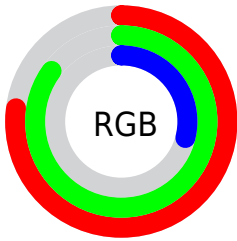
| Format | Color |
|-------------------------------------|--|
| RYB | 74, 217, 95 |
| Decimal | 12900682 |
| CIELab | 82.84, -25.61, 65.21 |
| CIELCh | 83, 70.059, 111.442 |
| Yxy | 61.8559, 0.3858, 0.4889 |
| Android (android.graphics.Color) | 4291090762 (0xFFC4D94A) |
| YUV | 194.4190, -59.3666, 1.3865 |
| Hunter-Lab | 78.6485, -26.8474, 43.1089 |

Details

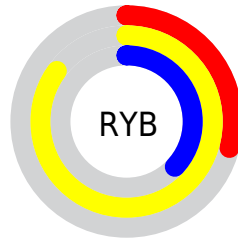
The Hex color **C4D94A** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5F4AD9**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF82**, and **8BA200** is the 20% darker color. If you saturate the color by 10%, you get **C1D934**, and if you desaturate by 10%, it is **C7D960**.

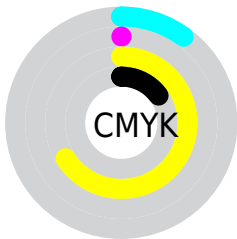
Distribution



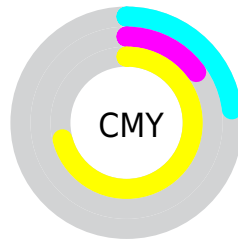
- Red (77%)
- Green (85%)
- Blue (29%)



- Red (29%)
- Yellow (85%)
- Blue (37%)



- Cyan (10%)
- Magenta (0%)
- Yellow (66%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4D94A 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 C4D94A by changing the saturation by 10% instead.

 C4D94A

 C4D94A

FFFFFF

 A7BD2C

 FFFF82

 8BA200

 FFFF9D

 6F8800

 FFFFBA

 546F00

 FFFFFD7

 395600

 FFFFF4

 1D3F00

 002900

 001200

 000000

 C4D94A

 C4D94A

 C1D934

 C7D960

 BED91F

 CAD975

 BAD909

 CED98B

 B9D900

 D1D9A1

 D4D9B6

 D7D9CC

 DAD9E2

 DDD9F8

 E1D9FF

Harmonies

Analogous

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



FFC444



C4D94A



73E678

Triad

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



C4D94A



00E9FF



FF95E4

Complementary

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



C4D94A



5F4AD9

Split Complementary

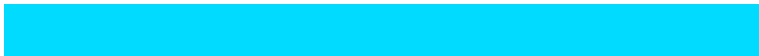
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA9FF



C4D94A



00DBFF

Square

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



C4D94A



00EEFC



AFC5FF



FF96A2

Rectangle

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



C4D94A



00ECA2



AFC5FF



FF9AFA

Sweetspot

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



C4D94A



F8FFCC



D95D4A



7B8061



000000



808080

Same Dimension

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



C4D94A



E1FF36



7ED94A



6C6E63



94AD00



272E00

Inverse Universe

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



5F4AD9



5336FF



A54AD9



64636E



1900AD



07002E

Previews

White Background



This preview shows how the Hex color C4D94A looks on a white background.

Color Contrast Check

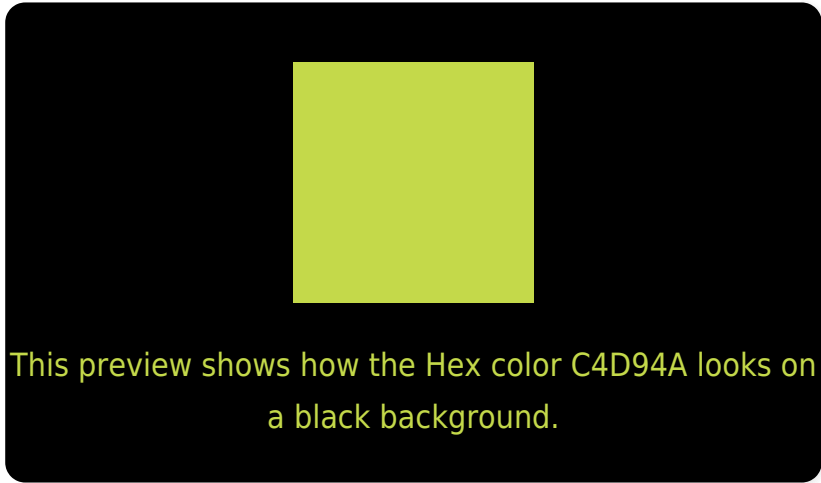
Large Text (above 18pt) WCAG AA × Fail

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 C4D94A Background



This preview shows how black text looks on a background with the Hex color C4D94A.

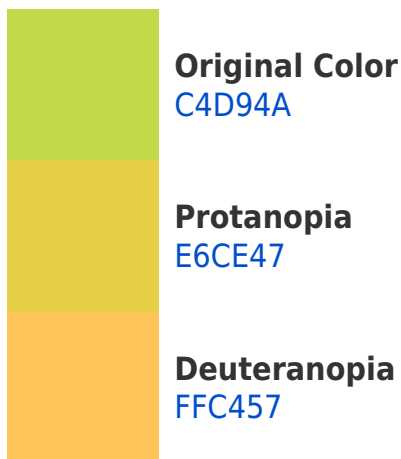


This preview shows how white text looks on a background with the Hex color C4D94A.

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](#).

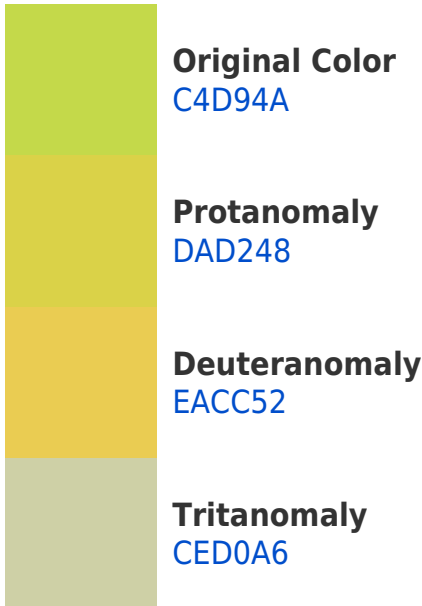
Dichromacy



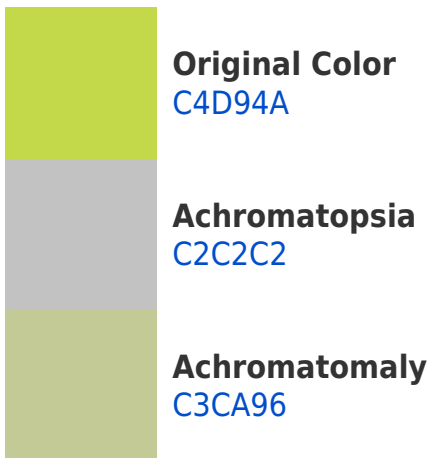


Tritanopia
D3CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4D94A 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 #C4D94A looks like.

```
.text, #text, p{  
    color:#C4D94A  
}
```

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 #C4D94A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4D94A
}
```

Border

The CSS property to change the border of an element to Hex C4D94A 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
#C4D94A }
```

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

```
.border{ border-color:#C4D94A }
```

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

Here you see how a box with a 4 pixel #C4D94A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4D94A; -webkit-box-shadow:4px 4px  
4px 4px #C4D94A; box-shadow:4px 4px 4px  
4px #C4D94A }
```

Background

The CSS property to change the background color of an element to Hex C4D94A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4D94A }
```

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

```
.background{ background-color:#C4D94A }
```

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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