

Converting Colors

Hex(D4C944)

Have a look what the booklet for
Hex(D4C944) contains.

Hex(D4C944)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D4C944)

Conversions

Conversions Part 1

Format	Color
Hex	D4C944
RGB	212, 201, 68
RGB Percent	83%, 79%, 27%
CMY	0.1686, 0.2118, 0.7333
CMYK	0.00, 0.05, 0.68, 0.17
HSL	55°, 63%, 55%
HSV	55°, 68%, 83%
XYZ	49.0814, 56.1877, 13.7273
YIQ	189.1270, 49.2490, -39.0310

Conversions

Conversions Part 2

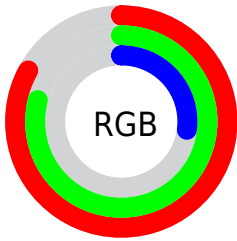
Format	Color
RYB	80, 212, 68
Decimal	13945156
CIELab	79.72, -11.45, 64.75
CIELCh	80, 65.754, 100.027
Yxy	56.1877, 0.4125, 0.4722
Android (android.graphics.Color)	4292135236 (0xFFD4C944)
YUV	189.1270, -59.7156, 20.0596
Hunter-Lab	74.9585, -14.2988, 41.6130

Details

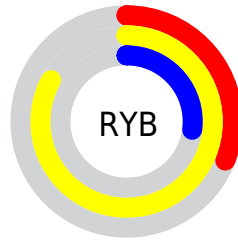
The Hex color **D4C944** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **444FD4**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF7B**, and **9A9300** is the 20% darker color. If you saturate the color by 10%, you get **D4C72F**, and if you desaturate by 10%, it is **D4CB59**.

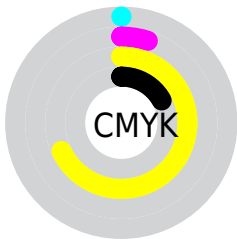
Distribution



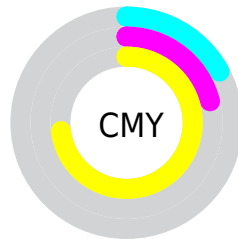
- Red (83%)
- Green (79%)
- Blue (27%)



- Red (31%)
- Yellow (83%)
- Blue (27%)



- Cyan (0%)
- Magenta (5%)
- Yellow (68%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4C944 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 D4C944 by changing the saturation by 10% instead.



D4C944



D4C944

FFFFFF



B7AE26



FFFF7B



9A9300



FFF97



7E7A00



FFFFB3



626100



FFF00



474A00



FFF66



2D3300



151E00



000000



D4C944



D4C944

 D4C72F

 D4CB59

 D4C61A

 D4CC6E

 D4C404

 D4CE84

 D4C400

 D4CF99

 D4D1AE

 D4D3C3

 D4D4D8

 D4D6EE

 D4D8FF

Harmonies

Analogous

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



FFB34F



D4C944



91D863

Triad

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



D4C944



00E1FF



FF96F1

Complementary

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



D4C944



444FD4

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.



E4ADFF



D4C944



00D7FF

Square

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



D4C944



00E4D9



79C5FF



FF8FB3

Rectangle

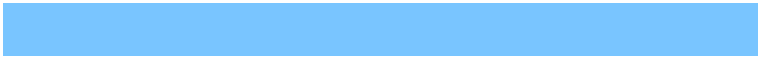
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D4C944



54DF86



79C5FF



FF9DFF

Sweetspot

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



D4C944



FFFBCB



D44450



807D61



000000



808080

Same Dimension

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



D4C944



FFEF2E



98D444



6B6A60



AB9E00



2B2800

Inverse Universe

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



444FD4



2E3EFF



8044D4



60616B



000DAB



00032B

Previews

White Background



This preview shows how the Hex color D4C944 looks on a white background.

Color Contrast Check

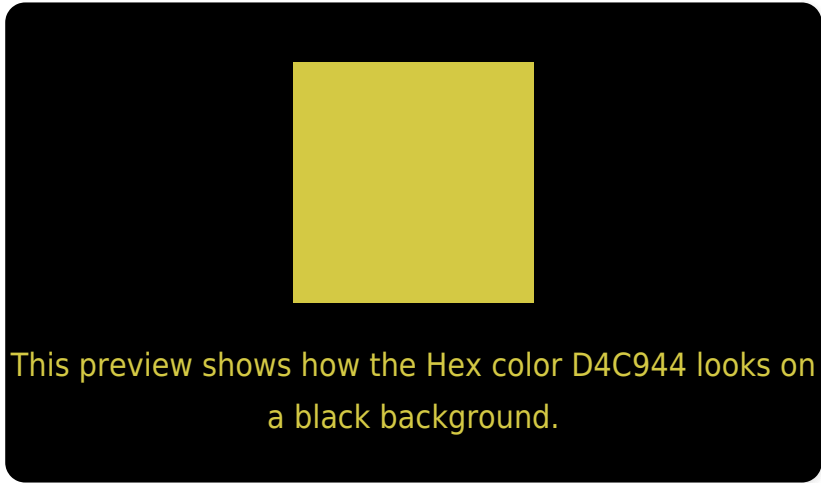
Large Text (above 18pt) WCAG AA × Fail

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 D4C944 Background



This preview shows how black text looks on a background with the Hex color D4C944.

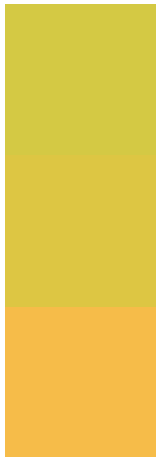


This preview shows how white text looks on a background with the Hex color D4C944.

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
D4C944

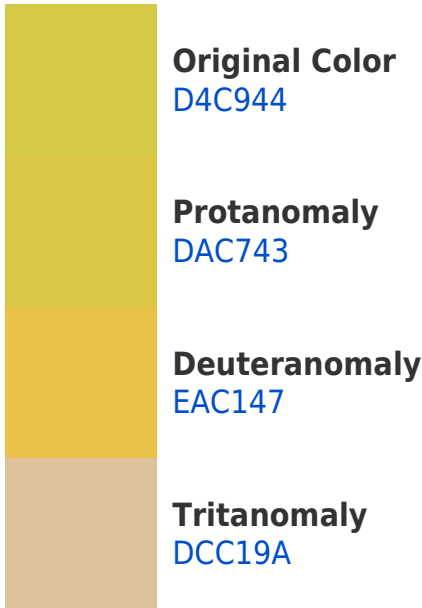
Protanopia
DDC643

Deuteranopia
F6BC49

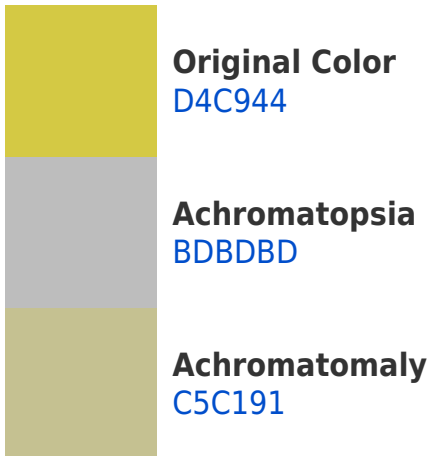


Tritanopia
E0BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D4C944 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 #D4C944 looks like.

```
.text, #text, p{  
    color:#D4C944  
}
```

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 #D4C944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4C944
}
```

Border

The CSS property to change the border of an element to Hex D4C944 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
#D4C944 }
```

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

```
.border{ border-color:#D4C944 }
```

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

Here you see how a box with a 4 pixel #D4C944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4C944; -webkit-box-shadow:4px 4px  
4px 4px #D4C944; box-shadow:4px 4px 4px  
4px #D4C944 }
```

Background

The CSS property to change the background color of an element to Hex D4C944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4C944 }
```

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

```
.background{ background-color:#D4C944 }
```

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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