

# Converting Colors

Hex(D5DA4C)

Have a look what the booklet for  
Hex(D5DA4C) contains.

<b>Hex(D5DA4C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D5DA4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5DA4C
RGB	213, 218, 76
RGB Percent	84%, 85%, 30%
CMY	0.1647, 0.1451, 0.7020
CMYK	0.02, 0.00, 0.65, 0.15
HSL	62°, 66%, 58%
HSV	62°, 65%, 85%
XYZ	53.8165, 64.8107, 16.5108
YIQ	200.3170, 42.6020, -45.2220

# Conversions

## Conversions Part 2

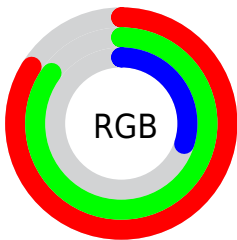
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 218, 81
Decimal	14015052
CIELab	84.39, -19.05, 66.43
CIELCh	84, 69.107, 106.004
Yxy	64.8107, 0.3982, 0.4796
Android (android.graphics.Color)	4292205132 (0xFFD5DA4C)
YUV	200.3170, -61.2883, 11.1230
Hunter-Lab	80.5051, -21.5593, 44.1938

# Details

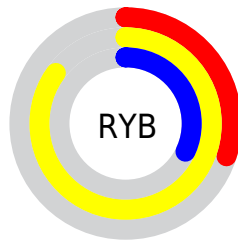
The Hex color **D5DA4C** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **514CDA**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF84**, and **9BA303** is the 20% darker color. If you saturate the color by 10%, you get **D4DA36**, and if you desaturate by 10%, it is **D6DA62**.

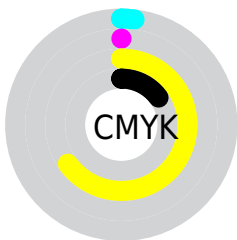
# Distribution



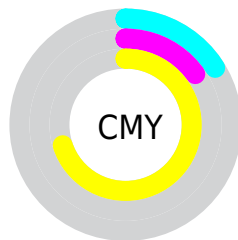
- Red (84%)
- Green (85%)
- Blue (30%)



- Red (30%)
- Yellow (85%)
- Blue (32%)



- Cyan (2%)
- Magenta (0%)
- Yellow (65%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5DA4C 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 D5DA4C by changing the saturation by 10% instead.



 D5DA4C

 D5DA4C

FFFFFF

 B8BE2E

 FFFF84

 9BA303

 FFFFA0

 7F8900

 FFFFBC

 637000

 FFFFD9

 485700

 FFFFF6

 2E4000

 142A00

 001800

 000000

 D5DA4C

 D5DA4C

 D4DA36

 D6DA62

 D3DA20

 D7DA78

 D3DA0B

 D7DA8D

 D2DA00

 D8DAA3

 D9DAB9

 DADACF

 DADAE5

 DBDAFA

 DCDAFF

# Harmonies

## Analogous

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



FFC44F



D5DA4C



8AE974

# Triad

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



D5DA4C



00EEFF



FF9CF4

# Complementary

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



D5DA4C



514CDA

# 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.



FFB3FF



D5DA4C



00E2FF

# Square

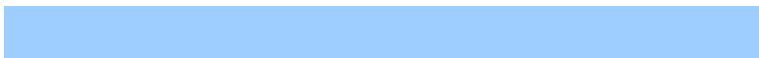
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D5DA4C



00F3F5



9ECEFF



FF99B2

# Rectangle

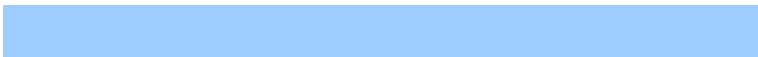
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5DA4C



39EF9B



9ECEFF



FFA2FF



# Sweetspot

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



D5DA4C



FDF FCC



DA514C



7E8061



000000



808080



# Same Dimension

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



D5DA4C



F8FF38



8EDA4C



6D6E63



A7AD00



2C2E00



# Inverse Universe

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



514CDA



3F38FF



984CDA



63636E



0600AD



02002E



# Previews

## White Background



This preview shows how the Hex color D5DA4C looks on a white background.

## Color Contrast Check

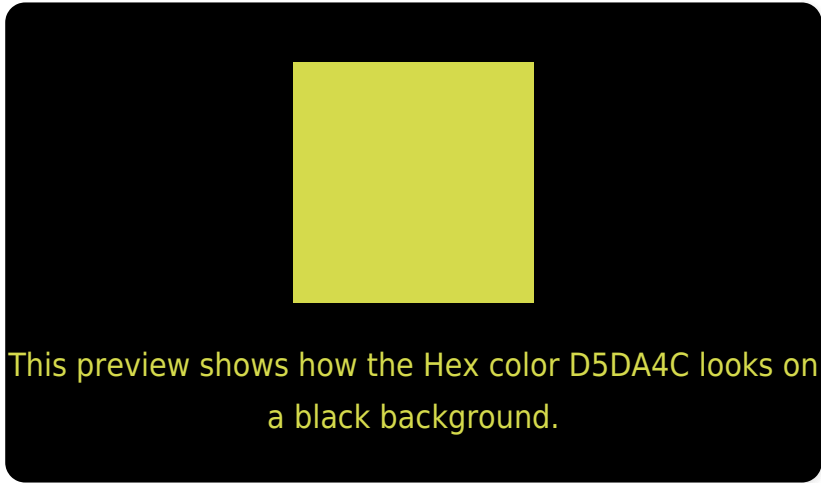
Large Text (above 18pt) WCAG AA × Fail

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 D5DA4C Background



This preview shows how black text looks on a background with the Hex color D5DA4C.

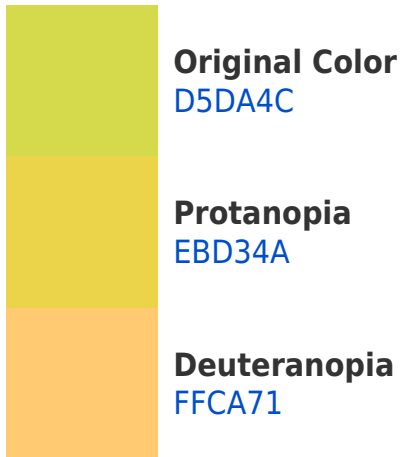


This preview shows how white text looks on a background with the Hex color D5DA4C.

# Color Blindness Simulation

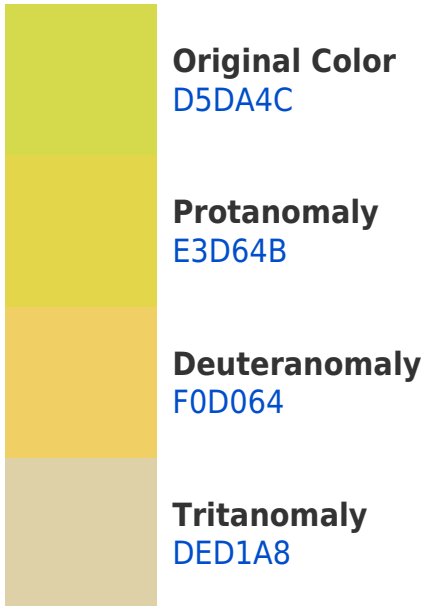
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

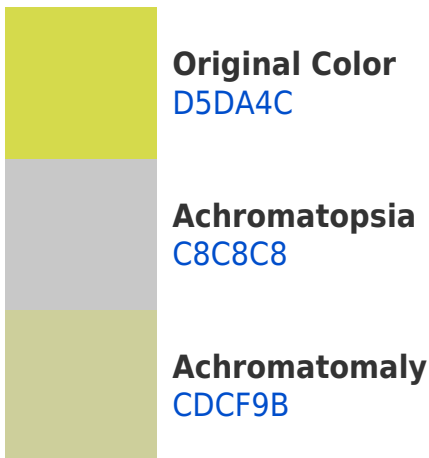




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5DA4C 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 #D5DA4C looks like.

```
.text, #text, p{  
    color:#D5DA4C  
}
```

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 #D5DA4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5DA4C
}
```

## Border

The CSS property to change the border of an element to Hex D5DA4C 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
#D5DA4C }
```

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

```
.border{ border-color:#D5DA4C }
```

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

Here you see how a box with a 4 pixel #D5DA4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5DA4C; -webkit-box-shadow:4px 4px  
4px 4px #D5DA4C; box-shadow:4px 4px 4px  
4px #D5DA4C }
```

# Background

The CSS property to change the background color of an element to Hex D5DA4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5DA4C }
```

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

```
.background{ background-color:#D5DA4C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor