

# Converting Colors

Hex(D5C851)

Have a look what the booklet for  
Hex(D5C851) contains.

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# **Color**

**Hex(D5C851)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5C851
RGB	213, 200, 81
RGB Percent	84%, 78%, 32%
CMY	0.1647, 0.2157, 0.6824
CMYK	0.00, 0.06, 0.62, 0.16
HSL	54°, 61%, 58%
HSV	54°, 62%, 84%
XYZ	49.5801, 56.0488, 15.9899
YIQ	190.3210, 45.9470, -34.2530

# Conversions

## Conversions Part 2

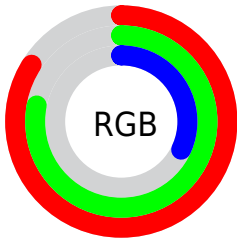
Format	Color
<a href="#">RYB</a>	<a href="#">95, 213, 81</a>
Decimal	<a href="#">14010449</a>
CIELab	<a href="#">79.64, -9.75, 59.38</a>
CIELCh	<a href="#">80, 60.177, 99.328</a>
Yxy	<a href="#">56.0488, 0.4077, 0.4609</a>
Android (android.graphics.Color)	<a href="#">4292200529 (0xFFD5C851)</a>
YUV	<a href="#">190.3210, -53.8953, 19.8895</a>
Hunter-Lab	<a href="#">74.8657, -12.8029, 39.7428</a>

# Details

The Hex color **D5C851** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **515ED5**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFFF87**, and **9B9217** is the 20% darker color. If you saturate the color by 10%, you get **D5C63C**, and if you desaturate by 10%, it is **D5CA66**.

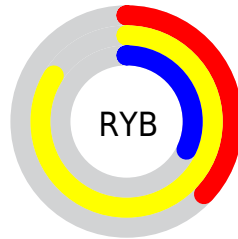
# Distribution



Red (84%)

Green (78%)

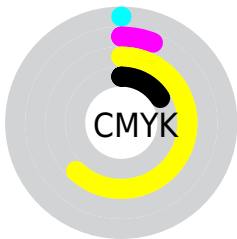
Blue (32%)



Red (37%)

Yellow (84%)

Blue (32%)

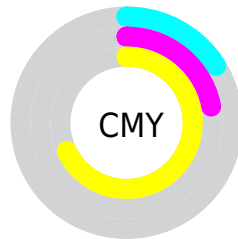


Cyan (0%)

Magenta (6%)

Yellow (62%)

Black (16%)



Cyan (16%)

Magenta (22%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5C851 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 D5C851 by changing the saturation by 10% instead.



 D5C851

 D5C851

FFFFFF

 B8AD36

 FFFF87

 9B9217

 FFFFA3

 7F7900

 FFFFBF

 646000

 FFFFDB

 494900

 FFFFF8

 2F3200

 171E00

 000000

 D5C851

 D5C851

 D5C63C

 D5CA66

 D5C426

 D5CC7C

 D5C211

 D5CE91

 D5C000

 D5D0A6

 D5D2BB

 D5D5D1

 D5D7E6

 D5D9FB

 D5DBFF

# Harmonies

## Analogous

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



FFB45B



D5C851



98D66B

# Triad

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



D5C851



00DFFF



FF9BEE

# Complementary

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



D5C851



515ED5

# 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.



E0B0FF



D5C851



00D6FF

# Square

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



D5C851



00E2D6



82C5FF



FF95B6

# Rectangle

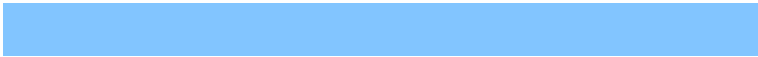
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5C851



64DD8A



82C5FF



FFA1FF



# Sweetspot

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



D5C851



FFFACD



D5515E



807D62



000000



808080



# Same Dimension

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



D5C851



FFEC42



A0D551



6B6A60



AB9A00



2B2700



# Inverse Universe

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



515ED5



4255FF



8651D5



60616B



0011AB

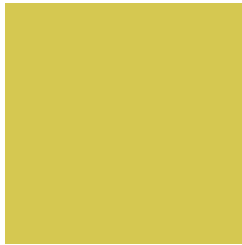


00042B



# Previews

## White Background



This preview shows how the Hex color D5C851 looks on a white background.

## Color Contrast Check

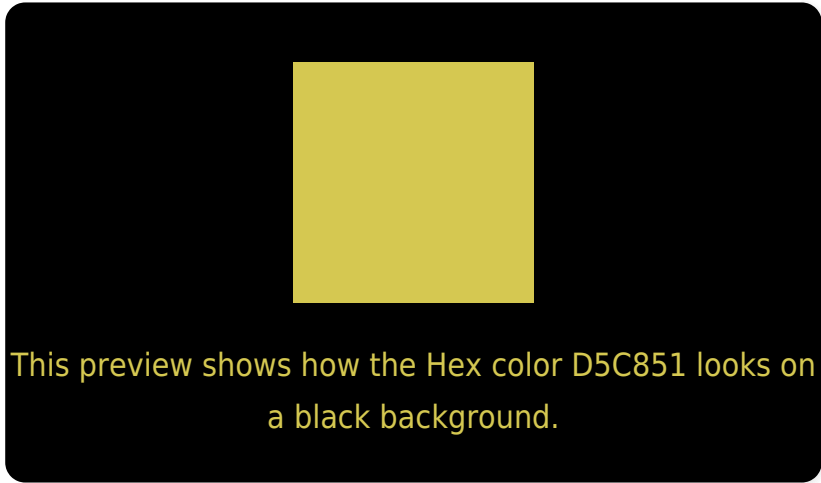
Large Text (above 18pt) WCAG AA × Fail

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 D5C851 Background



This preview shows how black text looks on a background with the Hex color D5C851.

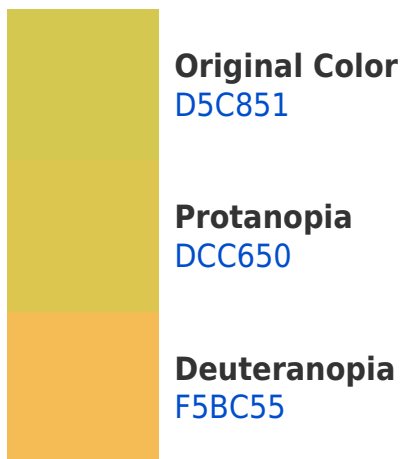


This preview shows how white text looks on a background with the Hex color D5C851.

# 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](#).

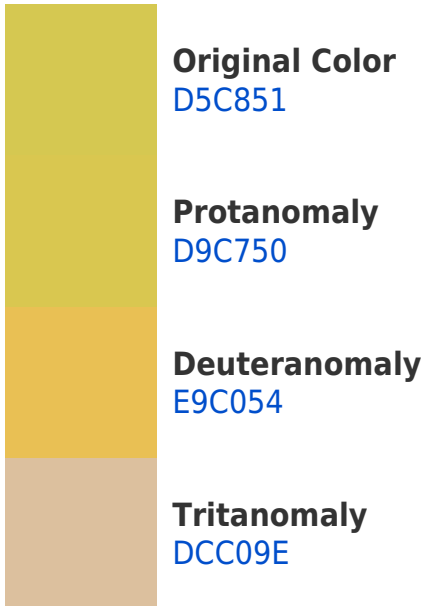
## Dichromacy





**Tritanopia**  
E0BCCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5C851 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 #D5C851 looks like.

```
.text, #text, p{  
    color:#D5C851  
}
```

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 #D5C851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5C851
}
```

## Border

The CSS property to change the border of an element to Hex D5C851 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
#D5C851 }
```

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

```
.border{ border-color:#D5C851 }
```

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

Here you see how a box with a 4 pixel #D5C851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5C851; -webkit-box-shadow:4px 4px  
4px 4px #D5C851; box-shadow:4px 4px 4px  
4px #D5C851 }
```

# Background

The CSS property to change the background color of an element to Hex D5C851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5C851 }
```

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

```
.background{ background-color:#D5C851 }
```

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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