

# Converting Colors

Hex(D5DB4E)

Have a look what the booklet for  
Hex(D5DB4E) contains.

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# **Color**

**Hex(D5DB4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5DB4E
RGB	213, 219, 78
RGB Percent	84%, 86%, 31%
CMY	0.1647, 0.1412, 0.6941
CMYK	0.03, 0.00, 0.64, 0.14
HSL	63°, 66%, 58%
HSV	63°, 64%, 86%
XYZ	54.1472, 65.3592, 16.9695
YIQ	201.1320, 41.6850, -45.1230

# Conversions

## Conversions Part 2

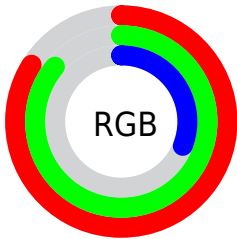
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 219, 84
Decimal	14015310
CIELab	84.67, -19.42, 65.94
CIElCh	85, 68.738, 106.414
Yxy	65.3592, 0.3968, 0.4789
Android (android.graphics.Color)	4292205390 (0xFFD5DB4E)
YUV	201.1320, -60.7041, 10.4082
Hunter-Lab	80.8451, -21.9257, 44.1465

# Details

The Hex color **D5DB4E** 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 **544EDB**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF85**, and **9BA409** is the 20% darker color. If you saturate the color by 10%, you get **D4DB38**, and if you desaturate by 10%, it is **D6DB64**.

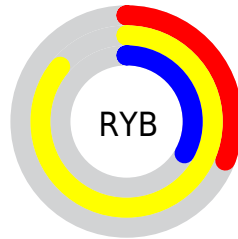
# Distribution



Red (84%)

Green (86%)

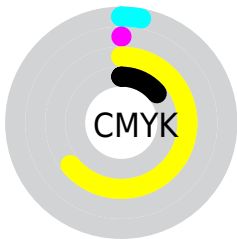
Blue (31%)



Red (31%)

Yellow (86%)

Blue (33%)

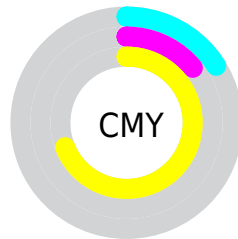


Cyan (3%)

Magenta (0%)

Yellow (64%)

Black (14%)



Cyan (16%)

Magenta (14%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5DB4E 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 D5DB4E by changing the saturation by 10% instead.



 D5DB4E

 D5DB4E

FFFFFF

 B8BF31

 FFFF85

 9BA409

 FFFFA1

 7F8A00

 FFFFBE

 637100

 FFFFDB

 495800

 FFFFF8

 2E4100

 142B00

 001900

 000000

 D5DB4E

 D5DB4E

 D4DB38

 D6DB64

 D3DB22

 D7DB7A

 D2DB0C

 D8DB90

 D2DB00

 D9DBA6

 DADBBC

 DBDBD1

 DCDBE7

 DCDBFD

 DDDBFF

# Harmonies

## Analogous

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



FFC550



D5DB4E



8AEA76

# Triad

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



D5DB4E



00EFFF



FF9EF4

# Complementary

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



D5DB4E



544EDB

# 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



D5DB4E



00E3FF

# Square

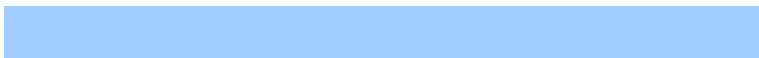
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D5DB4E



00F3F6



A1CEFF



FF9BB2

# Rectangle

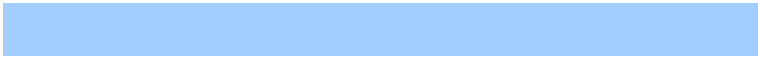
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5DB4E



39F09D



A1CEFF



FFA3FF



# Sweetspot

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



D5DB4E



FDFFCF



DB534E



7E8062



000000



808080



# Same Dimension

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



D5DB4E



F7FF3B



90DB4E



6D6E63



A6AD00



2C2E00



# Inverse Universe

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



544EDB



433BFF



994EDB



63636E



0700AD



02002E



# Previews

## White Background



This preview shows how the Hex color D5DB4E looks on a white background.

## Color Contrast Check

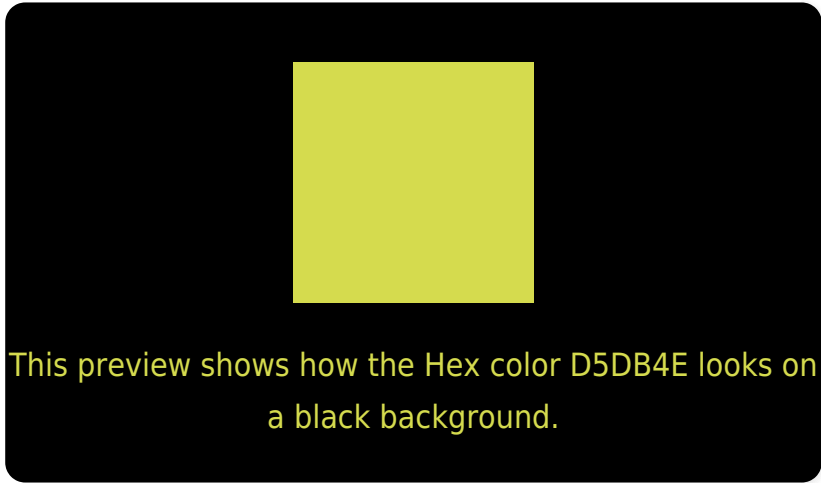
Large Text (above 18pt) WCAG AA × Fail

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 D5DB4E Background



This preview shows how black text looks on a background with the Hex color D5DB4E.

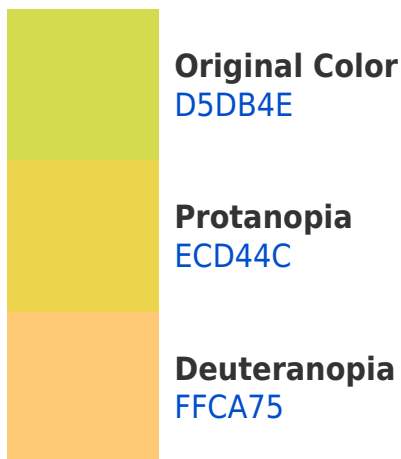


This preview shows how white text looks on a background with the Hex color D5DB4E.

# 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](#).

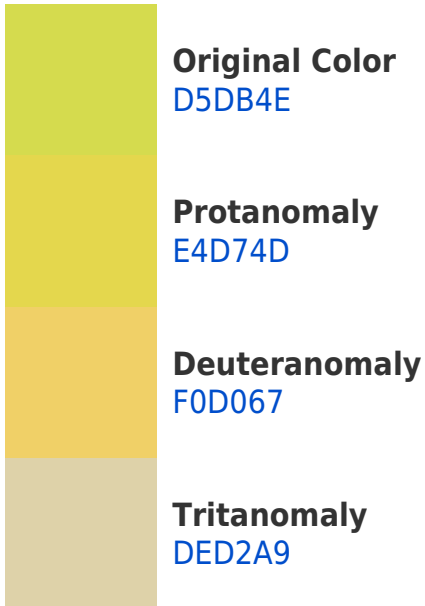
## Dichromacy





**Tritanopia**  
E3CDDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5DB4E 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 #D5DB4E looks like.

```
.text, #text, p{  
    color:#D5DB4E  
}
```

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 #D5DB4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5DB4E
}
```

## Border

The CSS property to change the border of an element to Hex D5DB4E 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
#D5DB4E }
```

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

```
.border{ border-color:#D5DB4E }
```

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

Here you see how a box with a 4 pixel #D5DB4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5DB4E; -webkit-box-shadow:4px 4px  
4px 4px #D5DB4E; box-shadow:4px 4px 4px  
4px #D5DB4E }
```

# Background

The CSS property to change the background color of an element to Hex D5DB4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5DB4E }
```

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

```
.background{ background-color:#D5DB4E }
```

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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