

# Converting Colors

Hex(D3BC5D)

Have a look what the booklet for  
Hex(D3BC5D) contains.

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# **Color**

**Hex(D3BC5D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3BC5D
RGB	211, 188, 93
RGB Percent	83%, 74%, 36%
CMY	0.1725, 0.2627, 0.6353
CMYK	0.00, 0.11, 0.56, 0.17
HSL	48°, 57%, 60%
HSV	48°, 56%, 83%
XYZ	46.8230, 50.6056, 17.6560
YIQ	184.0470, 44.2030, -24.6690

# Conversions

## Conversions Part 2

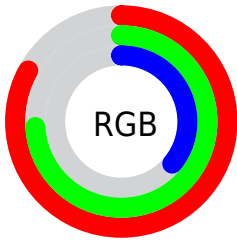
Format	Color
R <sub>YB</sub>	122, 211, 93
Decimal	13876317
CIE Lab	76.44, -3.56, 50.32
CIE LCh	76, 50.442, 94.042
Yxy	50.6056, 0.4069, 0.4397
Android (android.graphics.Color)	4292066397 (0xFFD3BC5D)
YUV	184.0470, -44.8862, 23.6378
Hunter-Lab	71.1376, -7.0017, 35.0809

# Details

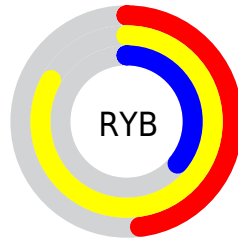
The Hex color **D3BC5D** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5D74D3**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF492**, and **9A8729** is the 20% darker color. If you saturate the color by 10%, you get **D3B848**, and if you desaturate by 10%, it is **D3C072**.

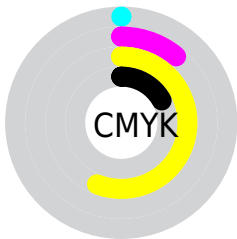
# Distribution



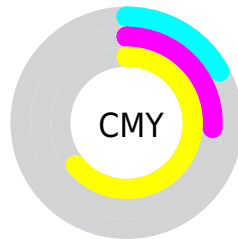
- Red (83%)
- Green (74%)
- Blue (36%)



- Red (48%)
- Yellow (83%)
- Blue (36%)



- Cyan (0%)
- Magenta (11%)
- Yellow (56%)
- Black (17%)



- Cyan (17%)
- Magenta (26%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3BC5D 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 D3BC5D by changing the saturation by 10% instead.



 D3BC5D

 D3BC5D

FFFFFF

 B6A143

 FFF492

 9A8729

 FFFFAD

 7E6E0B

 FFFFC9

 635600

 FFFFE6

 493F00

 2F2900

 161500

 000000

 D3BC5D

 D3BC5D

 D3B848

 D3C072

 D3B433

 D3C487

 D3B01E

 D3C89C

 D3AC09

 D3CCB1

 D3AA00

 D3D1C6

 D3D5DC

 D3D9F1

 D3DDFF

 D3E1FF

# Harmonies

## Analogous

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



FAAB69



D3BC5D



A2C96D

# Triad

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



D3BC5D



00D3EF



FC9DE6

# Complementary

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



D3BC5D



5D74D3

# 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.



C9AEFF



D3BC5D



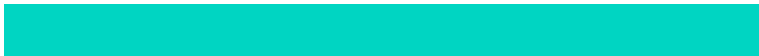
00CCFF

# Square

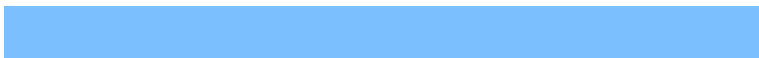
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D3BC5D



00D5C2



7BBFFF



FF96B8

# Rectangle

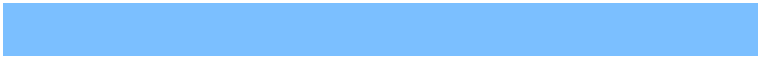
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D3BC5D



7CCF84



7BBFFF



EEA2F4



# Sweetspot

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



D3BC5D



FFF7D4



D35D75



807B66



000000



808080



# Same Dimension

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



D3BC5D



FFDE54



B0D35D



69675E



A88700



292100



# Inverse Universe

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



5D74D3



5475FF



805DD3



5E6069



0021A8

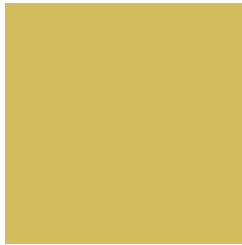


000829



# Previews

## White Background



This preview shows how the Hex color D3BC5D looks on a white background.

## Color Contrast Check

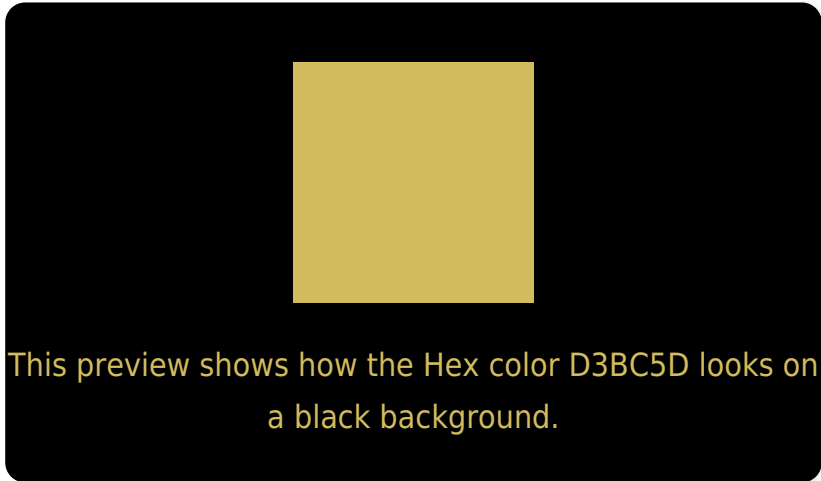
Large Text (above 18pt) WCAG AA × Fail

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 D3BC5D Background



This preview shows how black text looks on a background with the Hex color D3BC5D.

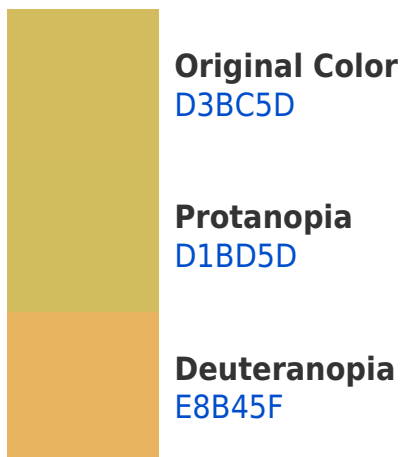


This preview shows how white text looks on a background with the Hex color D3BC5D.

# Color Blindness Simulation

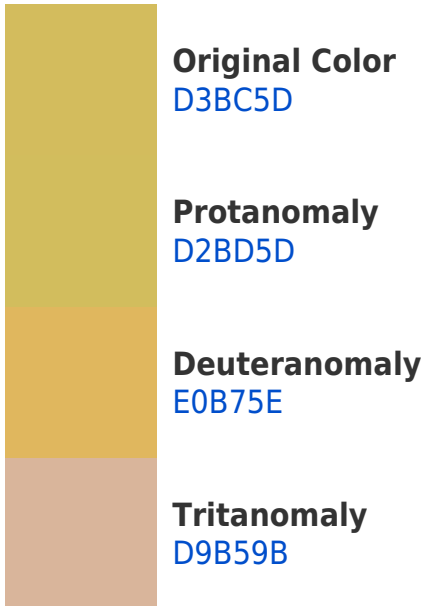
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3BC5D 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 #D3BC5D looks like.

```
.text, #text, p{  
  color:#D3BC5D  
}
```

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 #D3BC5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3BC5D
}
```

## Border

The CSS property to change the border of an element to Hex D3BC5D 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
#D3BC5D }
```

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

```
.border{ border-color:#D3BC5D }
```

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

Here you see how a box with a 4 pixel #D3BC5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3BC5D; -webkit-box-shadow:4px 4px  
4px 4px #D3BC5D; box-shadow:4px 4px 4px  
4px #D3BC5D }
```

# Background

The CSS property to change the background color of an element to Hex D3BC5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3BC5D }
```

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

```
.background{ background-color:#D3BC5D }
```

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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