

# Converting Colors

Hex(D3BE4F)

Have a look what the booklet for  
Hex(D3BE4F) contains.

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# **Color**

**Hex(D3BE4F)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D3BE4F                      |
| RGB         | 211, 190, 79                |
| RGB Percent | 83%, 75%, 31%               |
| CMY         | 0.1725, 0.2549, 0.6902      |
| CMYK        | 0.00, 0.10, 0.63, 0.17      |
| HSL         | 50°, 60%, 57%               |
| HSV         | 50°, 63%, 83%               |
| XYZ         | 46.6887, 51.2403, 14.8267   |
| YIQ         | 183.6250, 48.1470, -30.0690 |

# Conversions

## Conversions Part 2

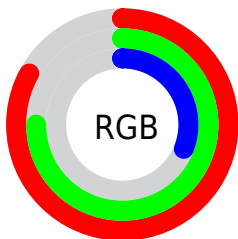
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 104, 211, 79                   |
| Decimal                             | 13876815                       |
| CIELab                              | 76.82, -5.59, 57.15            |
| CIElCh                              | 77, 57.420, 95.589             |
| Yxy                                 | 51.2403, 0.4141,<br>0.4544     |
| Android<br>(android.graphics.Color) | 4292066895<br>(0xFFD3BE4F)     |
| YUV                                 | 183.6250, -51.5801,<br>24.0079 |
| Hunter-Lab                          | 71.5823, -8.8446,<br>37.8270   |

# Details

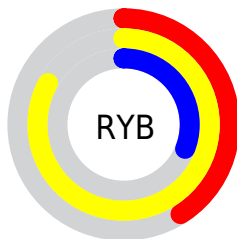
The Hex color **D3BE4F** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **4F64D3**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF684**, and **998916** is the 20% darker color. If you saturate the color by 10%, you get **D3BB3A**, and if you desaturate by 10%, it is **D3C164**.

# Distribution



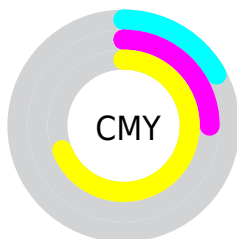
- Red (83%)
- Green (75%)
- Blue (31%)



- Red (41%)
- Yellow (83%)
- Blue (31%)



- Cyan (0%)
- Magenta (10%)
- Yellow (63%)
- Black (17%)



- Cyan (17%)
- Magenta (25%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3BE4F 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 D3BE4F by changing the saturation by 10% instead.





D3BE4F



D3BE4F

FFFFFF



B6A334



FFF684



998916



FFFFA0



7D7000



FFFFBC



625800



FFFFD8



484100



FFFFF5



2E2B00



141700



000000



D3BE4F



D3BE4F

 D3BB3A

 D3C164

 D3B725

 D3C579

 D3B410

 D3C88E

 D3B100

 D3CBA3

 D3CFB9

 D3D2CE

 D3D5E3

 D3D9F8

 D3DCFF

# Harmonies

## Analogous

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



FFAB5C



D3BE4F



9BCC63

# Triad

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



D3BE4F



00D7FA



FF98EB

# Complementary

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



D3BE4F



4F64D3

# 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.



CEACFF



D3BE4F



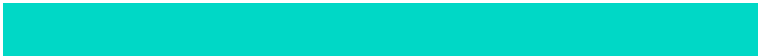
00CFFF

# Square

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



D3BE4F



00D8C6



70C0FF



FF90B6

# Rectangle

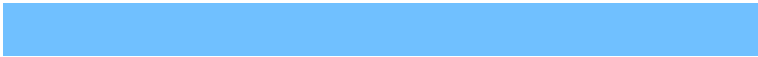
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D3BE4F



6DD37F



70C0FF



F89EFA



# Sweetspot

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



D3BE4F



FFF7CF



D34F65



807B62



000000



808080



# Same Dimension

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



D3BE4F



FFE140



A7D34F



69675E



A88E00



292200



# Inverse Universe

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



4F64D3



405EFF



7B4FD3



5E6069



001BA8



000629



# Previews

## White Background



This preview shows how the Hex color D3BE4F looks on a white background.

## Color Contrast Check

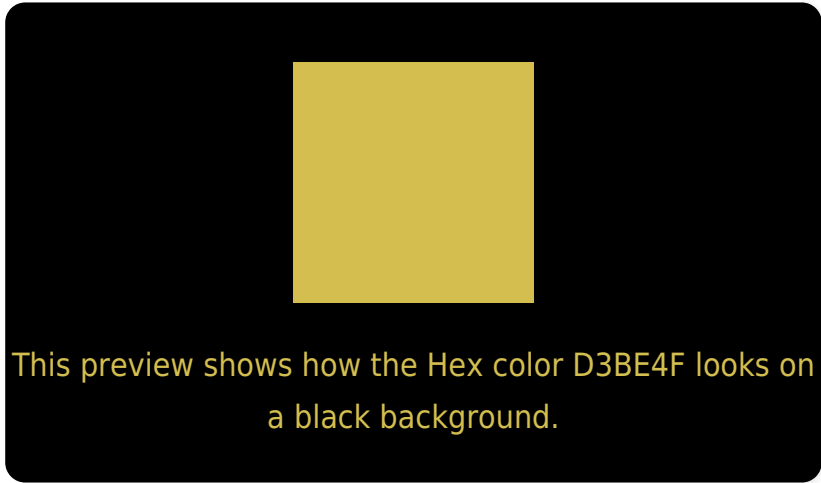
Large Text (above 18pt) WCAG AA × Fail

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 D3BE4F Background



This preview shows how black text looks on a background with the Hex color D3BE4F.



This preview shows how white text looks on a background with the Hex color D3BE4F.

# 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**  
D3BE4F

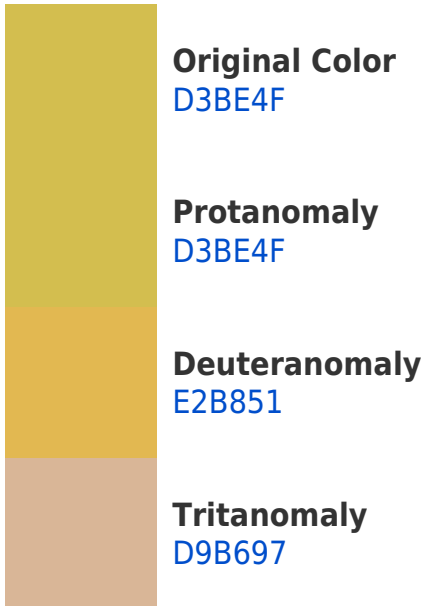
**Protanopia**  
D3BE4F

**Deuteranopia**  
EBB452



**Tritanopia**  
DDB2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3BE4F 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 #D3BE4F looks like.

```
.text, #text, p{  
    color:#D3BE4F  
}
```

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 #D3BE4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3BE4F
}
```

## Border

The CSS property to change the border of an element to Hex D3BE4F 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
#D3BE4F }
```

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

```
.border{ border-color:#D3BE4F }
```

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

Here you see how a box with a 4 pixel #D3BE4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3BE4F; -webkit-box-shadow:4px 4px  
4px 4px #D3BE4F; box-shadow:4px 4px 4px  
4px #D3BE4F }
```

# Background

The CSS property to change the background color of an element to Hex D3BE4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3BE4F }
```

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

```
.background{ background-color:#D3BE4F }
```

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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