

# Converting Colors

Hex(D6BB3D)

Have a look what the booklet for  
Hex(D6BB3D) contains.

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**Color**

**Hex(D6BB3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6BB3D
RGB	214, 187, 61
RGB Percent	84%, 73%, 24%
CMY	0.1608, 0.2667, 0.7608
CMYK	0.00, 0.13, 0.71, 0.16
HSL	49°, 65%, 54%
HSV	49°, 71%, 84%
XYZ	46.3442, 50.1737, 11.6568
YIQ	180.7090, 56.5380, -33.4620

# Conversions

## Conversions Part 2

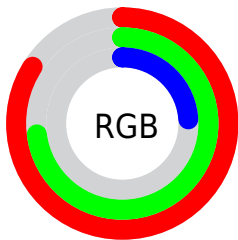
Format	Color
<b>RYB</b>	94, 214, 61
Decimal	14072637
CIELab	76.18, -3.77, 63.96
CIELCh	76, 64.068, 93.373
Yxy	50.1737, 0.4284, 0.4638
Android (android.graphics.Color)	4292262717 (0xFFD6BB3D)
YUV	180.7090, -59.0165, 29.1962
Hunter-Lab	70.8334, -7.1712, 39.8263

# Details

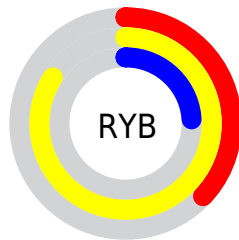
The Hex color **D6BB3D** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted orange. A complement of this color would be **3D58D6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFF374**, and **9B8600** is the 20% darker color. If you saturate the color by 10%, you get **D6B728**, and if you desaturate by 10%, it is **D6BF52**.

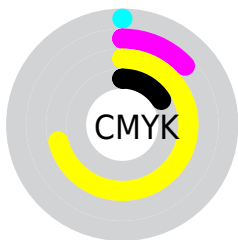
# Distribution



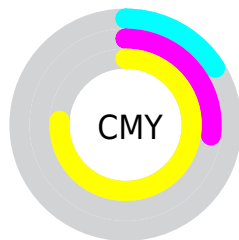
- Red (84%)
- Green (73%)
- Blue (24%)



- Red (37%)
- Yellow (84%)
- Blue (24%)



- Cyan (0%)
- Magenta (13%)
- Yellow (71%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6BB3D 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 D6BB3D by changing the saturation by 10% instead.



 D6BB3D

 D6BB3D

FFFFFF

 B8A01E

 FFF374

 9B8600

 FFFF8F

 7F6D00

 FFFFAB

 645500

 FFFFC8

 483E00

 FFFF E5

 2E2900

 151500

 000000

 D6BB3D

 D6BB3D

 D6B728

 D6BF52

 D6B312

 D6C368

 D6B000

 D6C67D

 D6CA93

 D6CEA8

 D6D2BD

 D6D5D3

 D6D9E8

 D6DDFE

# Harmonies

## Analogous

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



FFA551



D6BB3D



99CB53

# Triad

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



D6BB3D



00D8FB



FF92F2

# Complementary

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



D6BB3D



3D58D6

# 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.



C7A9FF



D6BB3D



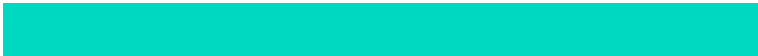
00D0FF

# Square

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



D6BB3D



00D9C1



49C0FF



FF86B8

# Rectangle

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



D6BB3D



65D272



49C0FF



F899FF



# Sweetspot

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



D6BB3D



FFF6C9



D63D59



807A60



000000



808080



# Same Dimension

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



D6BB3D



FFD824



A6D63D



6B6960



AB8D00



2B2400



# Inverse Universe

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



3D58D6



244AFF



6D3DD6



60626B



001EAB



00082B



# Previews

## White Background



This preview shows how the Hex color D6BB3D looks on a white background.

## Color Contrast Check

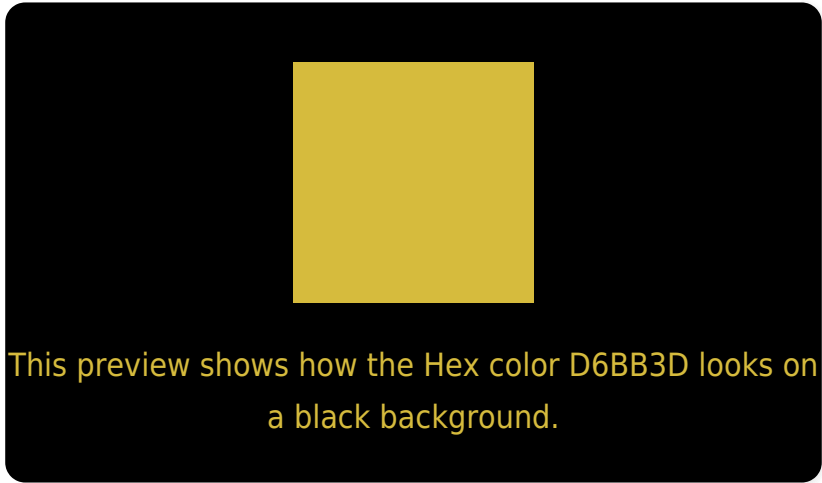
Large Text (above 18pt) WCAG AA × Fail

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 D6BB3D Background



This preview shows how black text looks on a background with the Hex color D6BB3D.

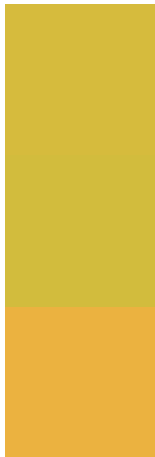


This preview shows how white text looks on a background with the Hex color D6BB3D.

# 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



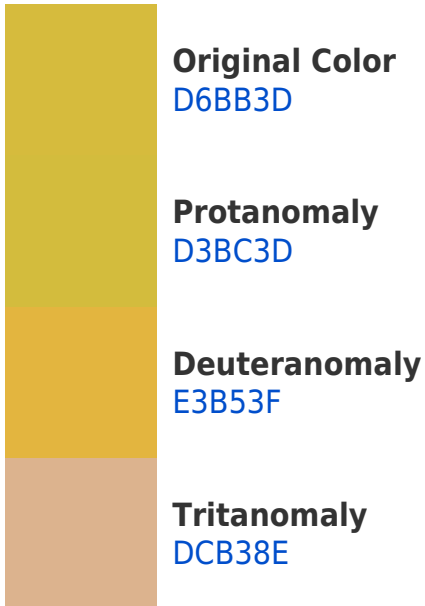
**Original Color**  
D6BB3D

**Protanopia**  
D2BC3D

**Deuteranopia**  
EBB240



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6BB3D 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 #D6BB3D looks like.

```
.text, #text, p{  
    color:#D6BB3D  
}
```

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 #D6BB3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6BB3D } }
```

## Border

The CSS property to change the border of an element to Hex D6BB3D 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 #D6BB3D } }
```

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

```
.border{ border-color:#D6BB3D }
```

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

Here you see how a box with a 4 pixel #D6BB3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6BB3D; -webkit-box-shadow:4px 4px  
4px 4px #D6BB3D; box-shadow:4px 4px 4px  
4px #D6BB3D }
```

# Background

The CSS property to change the background color of an element to Hex D6BB3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6BB3D }
```

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

```
.background{ background-color:#D6BB3D }
```

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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