

# Converting Colors

Hex(D7BB5E)

Have a look what the booklet for  
Hex(D7BB5E) contains.

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# **Color**

**Hex(D7BB5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7BB5E
RGB	215, 187, 94
RGB Percent	84%, 73%, 37%
CMY	0.1569, 0.2667, 0.6314
CMYK	0.00, 0.13, 0.56, 0.16
HSL	46°, 60%, 61%
HSV	46°, 56%, 84%
XYZ	47.8150, 50.7959, 17.8741
YIQ	184.7700, 46.5410, -22.9870

# Conversions

## Conversions Part 2

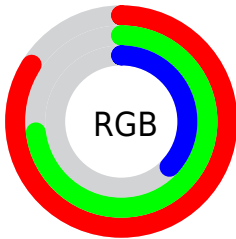
Format	Color
<a href="#">RYB</a>	<a href="#">130, 215, 94</a>
Decimal	<a href="#">14138206</a>
CIELab	<a href="#">76.56, -1.28, 50.07</a>
CIELCh	<a href="#">77, 50.085, 91.470</a>
Yxy	<a href="#">50.7959, 0.4105, 0.4361</a>
Android (android.graphics.Color)	<a href="#">4292328286</a> ( <a href="#">0xFFD7BB5E</a> )
YUV	<a href="#">184.7700, -44.7496, 26.5117</a>
Hunter-Lab	<a href="#">71.2712, -4.9711, 35.0205</a>

# Details

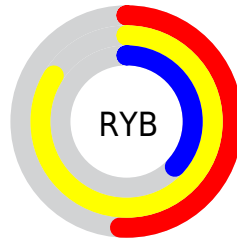
The Hex color **D7BB5E** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5E7AD7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFF393**, and **9E862A** is the 20% darker color. If you saturate the color by 10%, you get **D7B649**, and if you desaturate by 10%, it is **D7C074**.

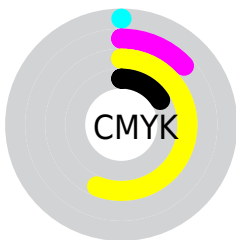
# Distribution



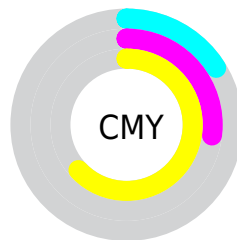
- Red (84%)
- Green (73%)
- Blue (37%)



- Red (51%)
- Yellow (84%)
- Blue (37%)



- Cyan (0%)
- Magenta (13%)
- Yellow (56%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7BB5E 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 D7BB5E by changing the saturation by 10% instead.



 D7BB5E

 D7BB5E

FFFFFF

 BAA044

 FFF393

 9E862A

 FFFFAE

 826D0D

 FFFFCA

 665500

 FFFFE7

 4C3E00

 322800

 1A1400

 000000

 D7BB5E

 D7BB5E

 D7B649

 D7C074

 D7B133

 D7C589

 D7AC1E

 D7CA9F

 D7A708

 D7CFB4

 D7A500

 D7D4CA

 D7D9DF

 D7DEF5

 D7E3FF

 D7E8FF

# Harmonies

## Analogous

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



FCAA6C



D7BB5E



A7C86B

# Triad

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



D7BB5E



00D4EC



F89FEA

# Complementary

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



D7BB5E



5E7AD7

# 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.



C4B0FF



D7BB5E



00CDFF

# Square

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



D7BB5E



00D5BE



74C1FF



FF97BC

# Rectangle

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



D7BB5E



82CF81



74C1FF



EAA4F7



# Sweetspot

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



D7BB5E



FFF5D4



D75E7A



807A66



000000



808080



# Same Dimension

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



D7BB5E



FFD752



B7D75E



6B6960



AB8300



2B2100



# Inverse Universe

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



5E7AD7



527AFF



7E5ED7



60636B



0028AB

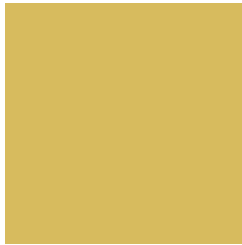


000A2B



# Previews

## White Background



This preview shows how the Hex color D7BB5E looks on a white background.

## Color Contrast Check

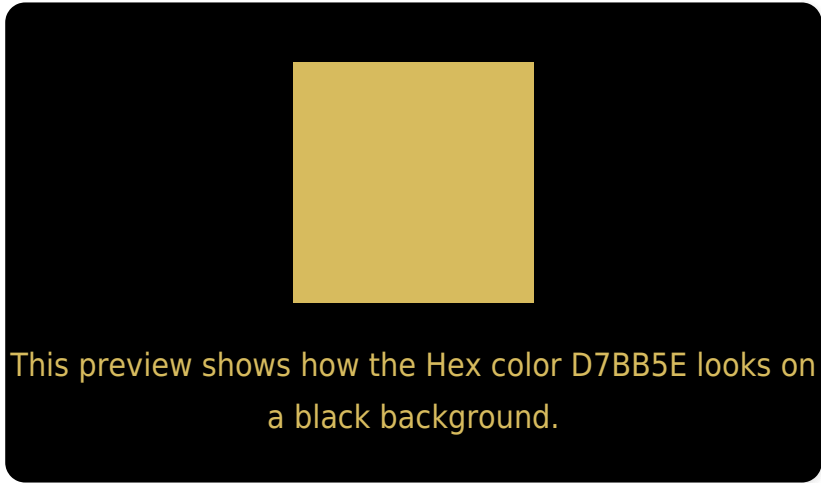
Large Text (above 18pt) WCAG AA × Fail

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 D7BB5E Background



This preview shows how black text looks on a background with the Hex color D7BB5E.



This preview shows how white text looks on a background with the Hex color D7BB5E.

# 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



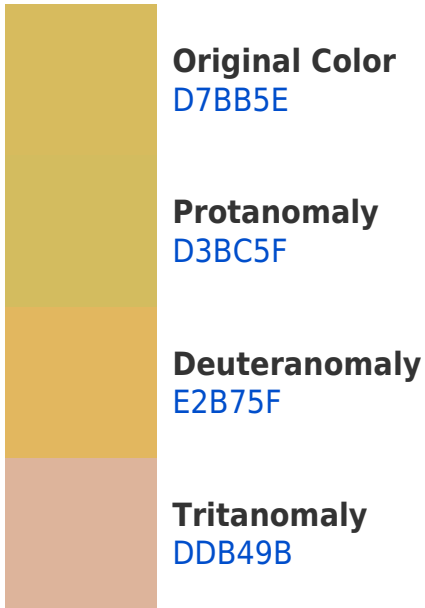
**Original Color**  
D7BB5E

**Protanopia**  
D1BD5F

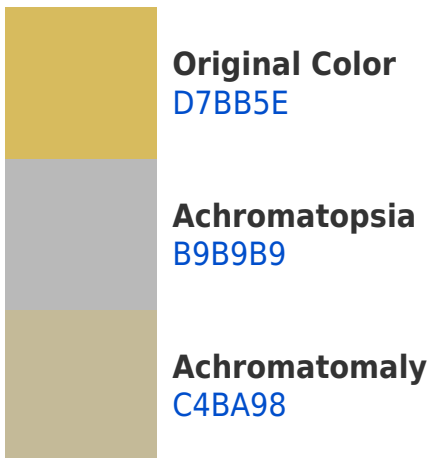
**Deuteranopia**  
E8B460



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7BB5E 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 #D7BB5E looks like.

```
.text, #text, p{  
    color:#D7BB5E  
}
```

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 #D7BB5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7BB5E
}
```

## Border

The CSS property to change the border of an element to Hex D7BB5E 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
#D7BB5E }
```

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

```
.border{ border-color:#D7BB5E }
```

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

Here you see how a box with a 4 pixel #D7BB5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7BB5E; -webkit-box-shadow:4px 4px  
4px 4px #D7BB5E; box-shadow:4px 4px 4px  
4px #D7BB5E }
```

# Background

The CSS property to change the background color of an element to Hex D7BB5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7BB5E }
```

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

```
.background{ background-color:#D7BB5E }
```

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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