

Converting Colors

Hex(D7BA3B)

Have a look what the booklet for
Hex(D7BA3B) contains.

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Color

Hex(D7BA3B)

Conversions

Conversions Part 1

Format	Color
Hex	D7BA3B
RGB	215, 186, 59
RGB Percent	84%, 73%, 23%
CMY	0.1569, 0.2706, 0.7686
CMYK	0.00, 0.13, 0.73, 0.16
HSL	49°, 66%, 54%
HSV	49°, 73%, 84%
XYZ	46.3727, 49.8807, 11.3215
YIQ	180.1930, 58.0510, -33.3490

Conversions

Conversions Part 2

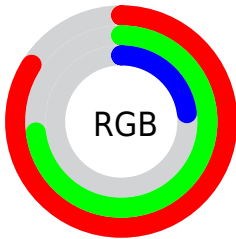
Format	Color
RYB	95, 215, 59
Decimal	14137915
CIELab	76.00, -2.91, 64.57
CIELCh	76, 64.632, 92.584
Yxy	49.8807, 0.4311, 0.4637
Android (android.graphics.Color)	4292327995 (0xFFD7BA3B)
YUV	180.1930, -59.7481, 30.5257
Hunter-Lab	70.6262, -6.3942, 39.9341

Details

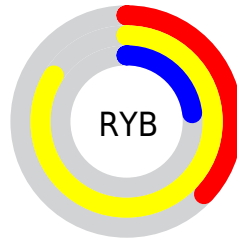
The Hex color **D7BA3B** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **3B58D7**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFF272**, and **9C8500** is the 20% darker color. If you saturate the color by 10%, you get **D7B625**, and if you desaturate by 10%, it is **D7BE51**.

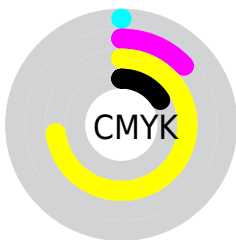
Distribution



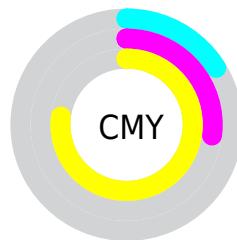
- Red (84%)
- Green (73%)
- Blue (23%)



- Red (37%)
- Yellow (84%)
- Blue (23%)



- Cyan (0%)
- Magenta (13%)
- Yellow (73%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7BA3B 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 D7BA3B by changing the saturation by 10% instead.

 D7BA3B

 D7BA3B

FFFFFF

 B99F1C

 FFF272

 9C8500

 FFFF8E

 806C00

 FFFFAA

 645400

 FFFF C6

 493D00

 FFFF E3

 2F2800

 161400

 000000

 D7BA3B

 D7BA3B

 D7B625

 D7BE51

 D7B210

 D7C266

 D7AF00

 D7C67C

 D7CA91

 D7CEA7

 D7D2BC

 D7D6D2

 D7DAE7

 D7DEFC

Harmonies

Analogous

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



FFA450



D7BA3B



9ACA50

Triad

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



D7BA3B



00D7FA



FF91F3

Complementary

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



D7BA3B



3B58D7

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.



C4A9FF



D7BA3B



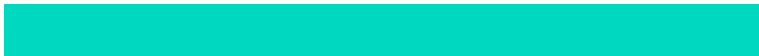
00D0FF

Square

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



D7BA3B



00D8BF



3FC0FF



FF85B9

Rectangle

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



D7BA3B



65D26F



3FC0FF



F699FF

Sweetspot

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



D7BA3B



FFF5C7



D73B5A



80795E



000000



808080

Same Dimension

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



D7BA3B



FFD621



A8D73B



6B6960



AB8B00



2B2300

Inverse Universe

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



3B58D7



214AFF



6A3BD7



60626B



0020AB



00082B

Previews

White Background



This preview shows how the Hex color D7BA3B looks on a white background.

Color Contrast Check

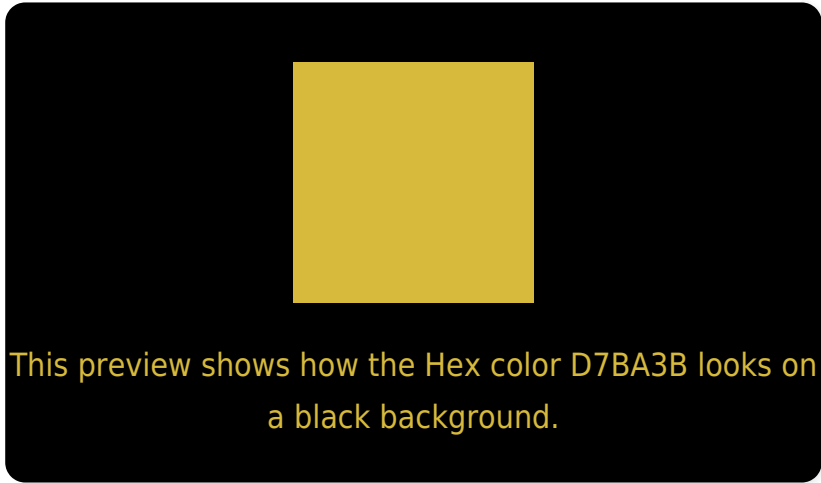
Large Text (above 18pt) WCAG AA × Fail

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 D7BA3B Background



This preview shows how black text looks on a background with the Hex color D7BA3B.

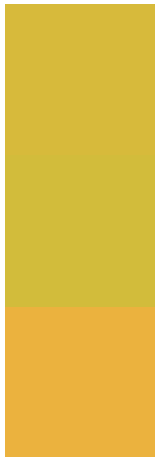


This preview shows how white text looks on a background with the Hex color D7BA3B.

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

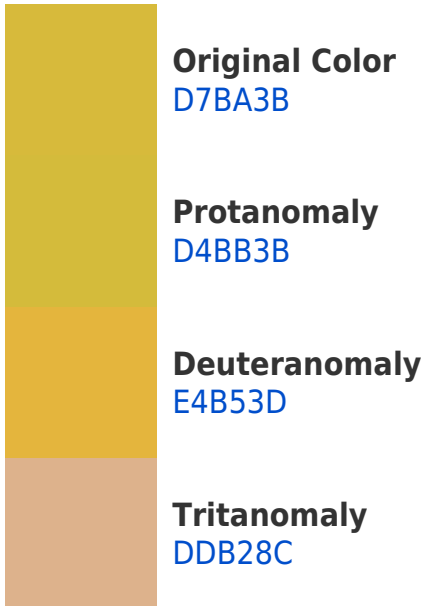


Original Color
D7BA3B

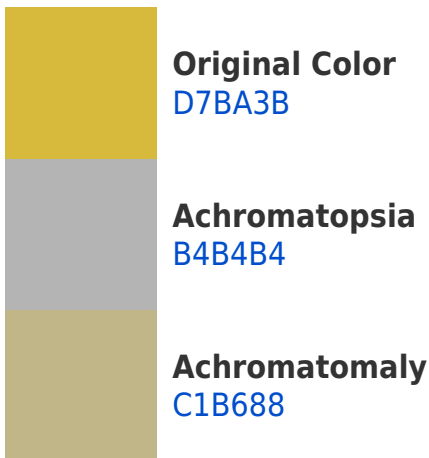
Protanopia
D2BC3B

Deuteranopia
EBB23E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7BA3B 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 #D7BA3B looks like.

```
.text, #text, p{  
    color:#D7BA3B  
}
```

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 #D7BA3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7BA3B
}
```

Border

The CSS property to change the border of an element to Hex D7BA3B 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
#D7BA3B }
```

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

```
.border{ border-color:#D7BA3B }
```

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

Here you see how a box with a 4 pixel #D7BA3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7BA3B; -webkit-box-shadow:4px 4px  
4px 4px #D7BA3B; box-shadow:4px 4px 4px  
4px #D7BA3B }
```

Background

The CSS property to change the background color of an element to Hex D7BA3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7BA3B }
```

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

```
.background{ background-color:#D7BA3B }
```

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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