

Converting Colors

Hex(D7CB3C)

Have a look what the booklet for
Hex(D7CB3C) contains.

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Color

Hex(D7CB3C)

Conversions

Conversions Part 1

Format	Color
Hex	D7CB3C
RGB	215, 203, 60
RGB Percent	84%, 80%, 24%
CMY	0.1569, 0.2039, 0.7647
CMYK	0.00, 0.06, 0.72, 0.16
HSL	55°, 66%, 54%
HSV	55°, 72%, 84%
XYZ	50.1959, 57.4852, 12.7251
YIQ	190.2860, 53.0550, -41.9290

Conversions

Conversions Part 2

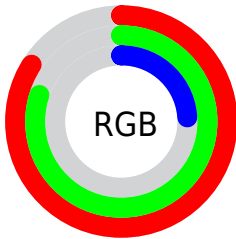
Format	Color
RYB	73, 215, 60
Decimal	14142268
CIELab	80.45, -11.59, 68.51
CIElCh	80, 69.486, 99.599
Yxy	57.4852, 0.4169, 0.4774
Android (android.graphics.Color)	4292332348 (0xFFD7CB3C)
YUV	190.2860, -64.2310, 21.6742
Hunter-Lab	75.8190, -14.5075, 43.1223

Details

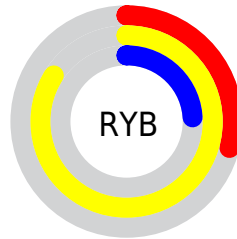
The Hex color **D7CB3C** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3C48D7**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFFF75**, and **9C9500** is the 20% darker color. If you saturate the color by 10%, you get **D7C926**, and if you desaturate by 10%, it is **D7CD51**.

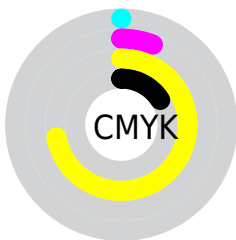
Distribution



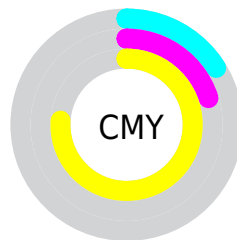
- Red (84%)
- Green (80%)
- Blue (24%)



- Red (29%)
- Yellow (84%)
- Blue (24%)



- Cyan (0%)
- Magenta (6%)
- Yellow (72%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7CB3C 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 D7CB3C by changing the saturation by 10% instead.

 D7CB3C

 D7CB3C

FFFFFF

 B9B01B

 FFFF75

 9C9500

 FFFF90

 807C00

 FFFFAD

 656300

 FFFFC9

 494B00

 FFFF E6

 2F3500

 162000

 000300

 000000

 D7CB3C

 D7CB3C

 D7C926

 D7CD51

 D7C811

 D7CE67

 D7C600

 D7D07C

 D7D292

 D7D3A8

 D7D5BD

 D7D7D3

 D7D8E8

 D7DAFE

Harmonies

Analogous

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



FFB44A



D7CB3C



91DB5D

Triad

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



D7CB3C



00E5FF



FF94F6

Complementary

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



D7CB3C



3C48D7

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.



E6AEFF



D7CB3C



00DBFF

Square

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



D7CB3C



00E7DB



70C8FF



FF8CB5

Rectangle

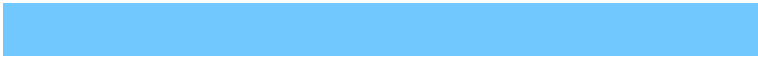
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7CB3C



4DE283



70C8FF



FF9CFF

Sweetspot

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



D7CB3C



FFFBC7



D73C49



807D5E



000000



808080

Same Dimension

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



D7CB3C



FFEE21



96D73C



6B6A60



AB9E00



2B2800

Inverse Universe

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



3C48D7



2132FF



7D3CD7



60616B



000DAB



00032B

Previews

White Background



This preview shows how the Hex color D7CB3C looks on a white background.

Color Contrast Check

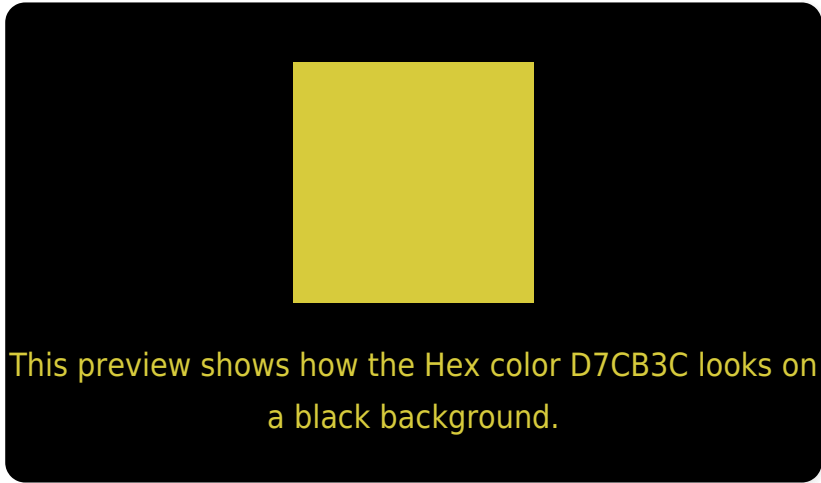
Large Text (above 18pt) WCAG AA × Fail

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 D7CB3C Background



This preview shows how black text looks on a background with the Hex color D7CB3C.

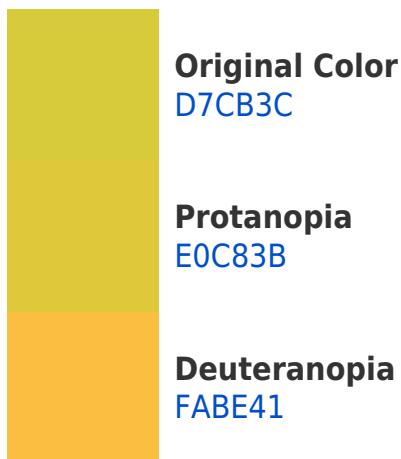


This preview shows how white text looks on a background with the Hex color D7CB3C.

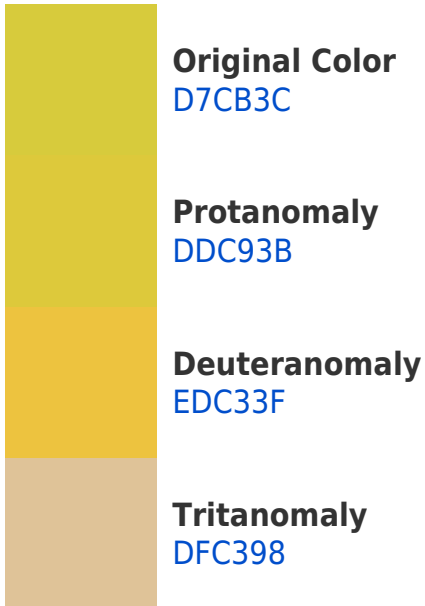
Color Blindness Simulation

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 D7CB3C 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 #D7CB3C looks like.

```
.text, #text, p{  
    color:#D7CB3C  
}
```

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 #D7CB3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7CB3C
}
```

Border

The CSS property to change the border of an element to Hex D7CB3C 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
#D7CB3C }
```

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

```
.border{ border-color:#D7CB3C }
```

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

Here you see how a box with a 4 pixel #D7CB3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7CB3C; -webkit-box-shadow:4px 4px  
4px 4px #D7CB3C; box-shadow:4px 4px 4px  
4px #D7CB3C }
```

Background

The CSS property to change the background color of an element to Hex D7CB3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7CB3C }
```

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

```
.background{ background-color:#D7CB3C }
```

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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