

Converting Colors

Hex(D6B943)

Have a look what the booklet for
Hex(D6B943) contains.

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Color

Hex(D6B943)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D6B943 |
| RGB | 214, 185, 67 |
| RGB Percent | 84%, 73%, 26% |
| CMY | 0.1608, 0.2745, 0.7373 |
| CMYK | 0.00, 0.14, 0.69, 0.16 |
| HSL | 48°, 64%, 55% |
| HSV | 48°, 69%, 84% |
| XYZ | 46.0936, 49.3993, 12.4158 |
| YIQ | 180.2190, 55.1620, -30.5500 |

Conversions

Conversions Part 2

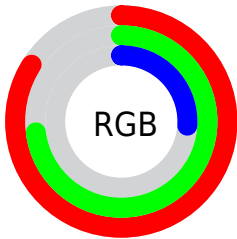
| Format | Color |
|--|---|
| RYB | 103, 214, 67 |
| Decimal | 14072131 |
| CIELab | 75.70, -2.43, 61.12 |
| CIElCh | 76, 61.166, 92.272 |
| Yxy | 49.3993, 0.4272, 0.4578 |
| Android (android.graphics.Color) | 4292262211 (0xFFD6B943) |
| YUV | 180.2190, -55.8170, 29.6259 |
| Hunter-Lab | 70.2846, -5.9354, 38.7256 |

Details

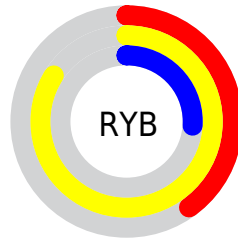
The Hex color **D6B943** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4360D6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFF179**, and **9C8400** is the 20% darker color. If you saturate the color by 10%, you get **D6B52E**, and if you desaturate by 10%, it is **D6BD58**.

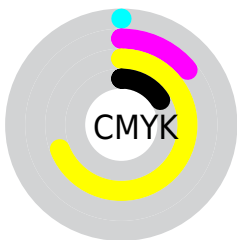
Distribution



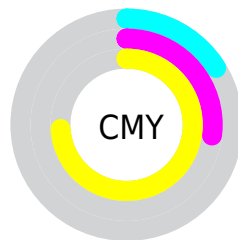
- Red (84%)
- Green (73%)
- Blue (26%)



- Red (40%)
- Yellow (84%)
- Blue (26%)



- Cyan (0%)
- Magenta (14%)
- Yellow (69%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6B943 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 D6B943 by changing the saturation by 10% instead.

 D6B943

 D6B943

FFFFFF

 B99E26

 FFF179

 9C8400

 FFFF94

 7F6B00

 FFFFB0

 645300

 FFFFCD

 493D00

 FFFFEA

 2F2700

 161300

 000000

 D6B943

 D6B943

 D6B52E

 D6BD58

 D6B118

 D6C16E

 D6AC03

 D6C683

 D6AC00

 D6CA99

 D6CEAE

 D6D2C3

 D6D7D9

 D6DBEE

 D6DFFF

Harmonies

Analogous

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



FFA456



D6B943



9CC956

Triad

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



D6B943



00D5F5



FF94F0

Complementary

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



D6B943



4360D6

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.



C3AAFF



D6B943



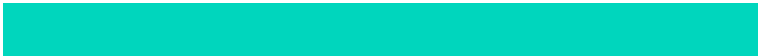
00CEFF

Square

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



D6B943



00D6BD



4EBFFF



FF88B9

Rectangle

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



D6B943



6CD072



4EBFFF



F29BFF

Sweetspot

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



D6B943



FFF4C9



D64360



807960



000000



808080

Same Dimension

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



D6B943



FFD62E



AAD643



6B6960



AB8900



2B2300

Inverse Universe

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



4360D6



2E57FF



6F43D6



60636B



0022AB



00092B

Previews

White Background



This preview shows how the Hex color D6B943 looks on a white background.

Color Contrast Check

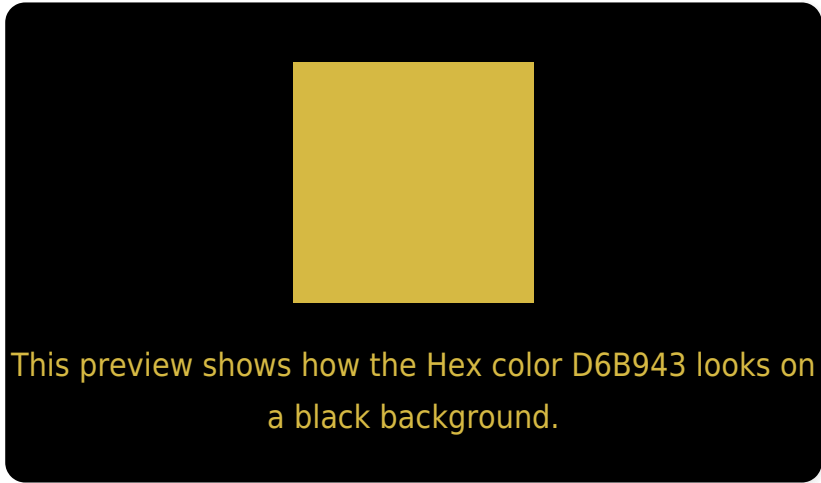
Large Text (above 18pt) WCAG AA × Fail

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 D6B943 Background



This preview shows how black text looks on a background with the Hex color D6B943.

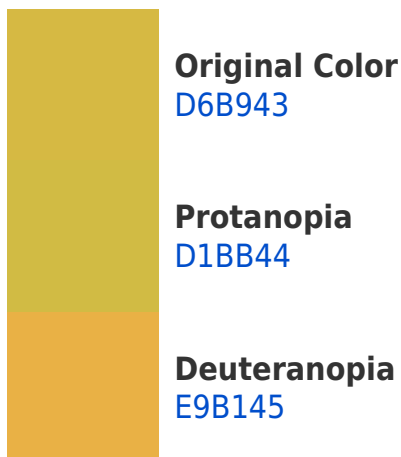


This preview shows how white text looks on a background with the Hex color D6B943.

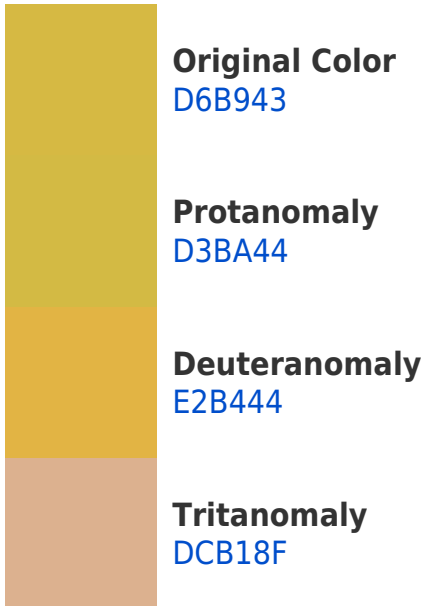
Color Blindness Simulation

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](#).

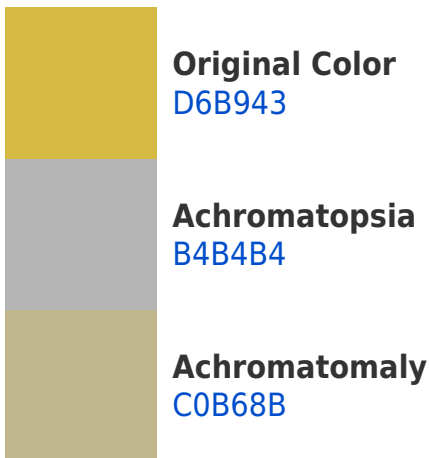
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6B943 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 #D6B943 looks like.

```
.text, #text, p{  
    color:#D6B943  
}
```

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 #D6B943 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6B943
}
```

Border

The CSS property to change the border of an element to Hex D6B943 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
#D6B943 }
```

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

```
.border{ border-color:#D6B943 }
```

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

Here you see how a box with a 4 pixel #D6B943 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6B943; -webkit-box-shadow:4px 4px  
4px 4px #D6B943; box-shadow:4px 4px 4px  
4px #D6B943 }
```

Background

The CSS property to change the background color of an element to Hex D6B943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6B943 }
```

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

```
.background{ background-color:#D6B943 }
```

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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