

Converting Colors

Hex(D6A643)

Have a look what the booklet for
Hex(D6A643) contains.

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Color

Hex(D6A643)

Conversions

Conversions Part 1

Format	Color
Hex	D6A643
RGB	214, 166, 67
RGB Percent	84%, 65%, 26%
CMY	0.1608, 0.3490, 0.7373
CMYK	0.00, 0.22, 0.69, 0.16
HSL	40°, 64%, 55%
HSV	40°, 69%, 84%
XYZ	42.3809, 41.9738, 11.1782
YIQ	169.0660, 60.3870, -20.6130

Conversions

Conversions Part 2

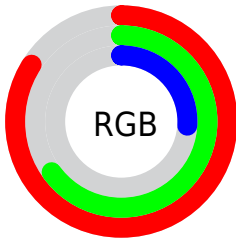
Format	Color
RYB	138, 214, 67
Decimal	14067267
CIELab	70.85, 7.62, 56.10
CIELCh	71, 56.613, 82.265
Yxy	41.9738, 0.4436, 0.4394
Android (android.graphics.Color)	4292257347 (0xFFD6A643)
YUV	169.0660, -50.3185, 39.4071
Hunter-Lab	64.7872, 3.3891, 35.1213

Details

The Hex color **D6A643** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4373D6**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDD78**, and **9B7206** is the 20% darker color. If you saturate the color by 10%, you get **D69F2E**, and if you desaturate by 10%, it is **D6AD58**.

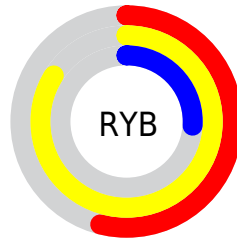
Distribution



Red (84%)

Green (65%)

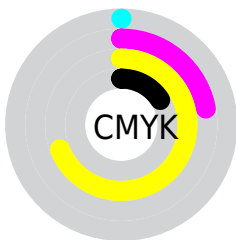
Blue (26%)



Red (54%)

Yellow (84%)

Blue (26%)

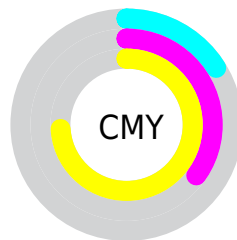


Cyan (0%)

Magenta (22%)

Yellow (69%)

Black (16%)



Cyan (16%)

Magenta (35%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6A643 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 D6A643 by changing the saturation by 10% instead.

 D6A643

 D6A643

FFFFFF

 B88C28

 FFDD78

 9B7206

 FFF993

 7F5A00

 FFFFAE

 634300

 FFFFCA

 482D00

 FFFF E7

 2E1900

 150000

 000000

 D6A643

 D6A643

 D69F2E

 D6AD58

 D69818

 D6B46E

 D69103

 D6BB83

 D69000

 D6C299

 D6C9AE

 D6D0C3

 D6D7D9

 D6DEEE

 D6E5FF

Harmonies

Analogous

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



FB935D



D6A643



A5B649

Triad

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



D6A643



00C7D3



E090ED

Complementary

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



D6A643



4373D6

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.



9AA5FF



D6A643



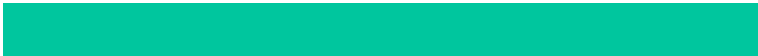
00C2FE

Square

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



D6A643



00C69E



00B7FF



FF82BD

Rectangle

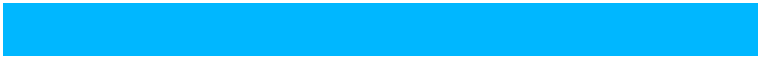
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6A643



7DBE5E



00B7FF



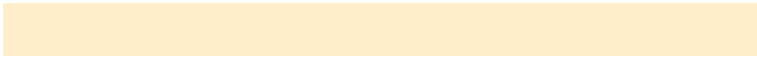
CC97FA

Sweetspot

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



D6A643



FFEEC9



D64374



807560



000000



808080

Same Dimension

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



D6A643



FFBB2E



BED643



6B6860



AB7300



2B1D00

Inverse Universe

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



4373D6



2E72FF



5B43D6



60646B



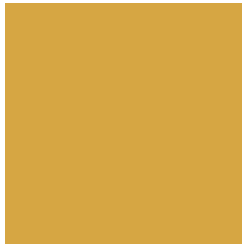
0038AB



000E2B

Previews

White Background



This preview shows how the Hex color D6A643 looks on a white background.

Color Contrast Check

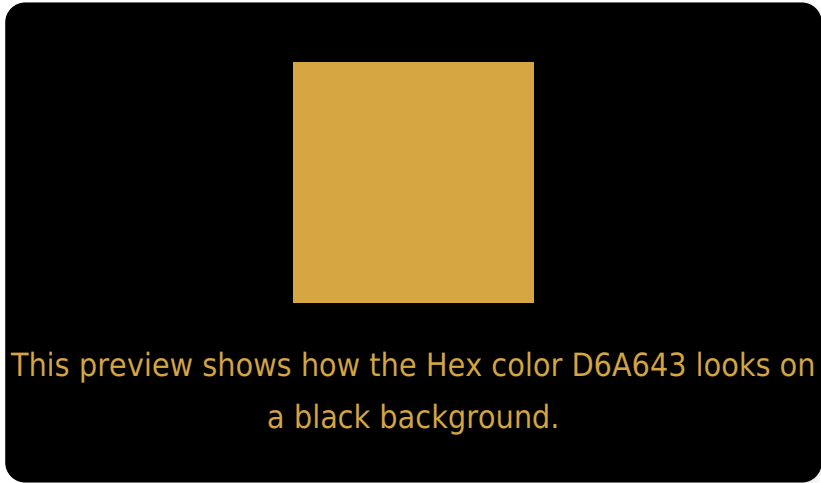
Large Text (above 18pt) WCAG AA × Fail

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 D6A643 Background



This preview shows how black text looks on a background with the Hex color D6A643.

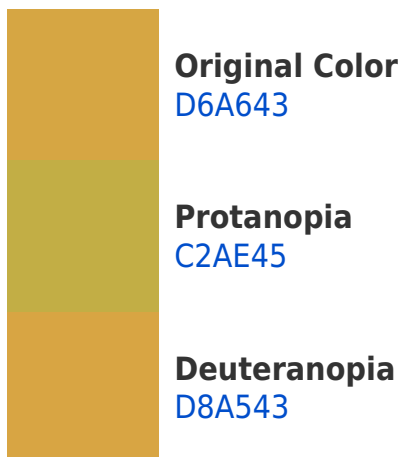



This preview shows how white text looks on a background with the Hex color D6A643.

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](#).

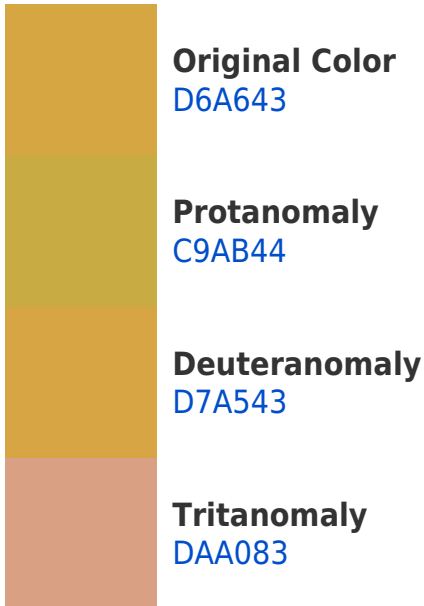
Dichromacy



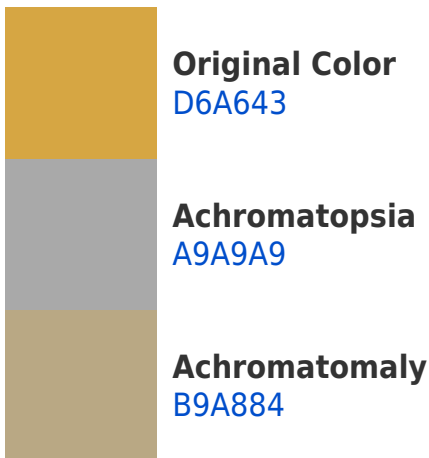


Tritanopia
DD9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6A643 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 #D6A643 looks like.

```
.text, #text, p{  
    color:#D6A643  
}
```

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 #D6A643 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6A643
}
```

Border

The CSS property to change the border of an element to Hex D6A643 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
#D6A643 }
```

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

```
.border{ border-color:#D6A643 }
```

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

Here you see how a box with a 4 pixel #D6A643 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6A643; -webkit-box-shadow:4px 4px  
4px 4px #D6A643; box-shadow:4px 4px 4px  
4px #D6A643 }
```

Background

The CSS property to change the background color of an element to Hex D6A643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6A643 }
```

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

```
.background{ background-color:#D6A643 }
```

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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