

Converting Colors

Hex(D6A044)

Have a look what the booklet for
Hex(D6A044) contains.

Hex(D6A044)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D6A044)

Conversions

Conversions Part 1

Format	Color
Hex	D6A044
RGB	214, 160, 68
RGB Percent	84%, 63%, 27%
CMY	0.1608, 0.3725, 0.7333
CMYK	0.00, 0.25, 0.68, 0.16
HSL	38°, 64%, 55%
HSV	38°, 68%, 84%
XYZ	41.3457, 39.8551, 10.9825
YIQ	165.6580, 61.7160, -17.1640

Conversions

Conversions Part 2

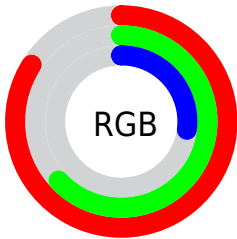
Format	Color
RYB	154, 214, 68
Decimal	14065732
CIELab	69.37, 10.89, 54.08
CIELCh	69, 55.170, 78.613
Yxy	39.8551, 0.4485, 0.4323
Android (android.graphics.Color)	4292255812 (0xFFD6A044)
YUV	165.6580, -48.1454, 42.3959
Hunter-Lab	63.1309, 6.4243, 33.8773

Details

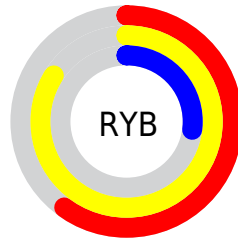
The Hex color **D6A044** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **447AD6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFD778**, and **9B6D0A** is the 20% darker color. If you saturate the color by 10%, you get **D6982F**, and if you desaturate by 10%, it is **D6A859**.

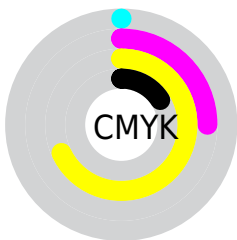
Distribution



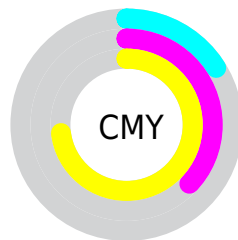
- Red (84%)
- Green (63%)
- Blue (27%)



- Red (60%)
- Yellow (84%)
- Blue (27%)



- Cyan (0%)
- Magenta (25%)
- Yellow (68%)
- Black (16%)



- Cyan (16%)
- Magenta (37%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6A044 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 D6A044 by changing the saturation by 10% instead.

 D6A044

 D6A044

FFFFFF

 B8862A

 FFD778

 9B6D0A

 FFF393

 7F5500

 FFFFAE

 633D00

 FFFF CB

 472800

 FFFF E7

 2D1400

 130000

 000000

 D6A044

 D6A044

 D6982F

 D6A859

 D69019

 D6B06F

 D68804

 D6B884

 D68700

 D6C09A

 D6C8AF

 D6CFC4

 D6D7DA

 D6DFEF

 D6E7FF

Harmonies

Analogous

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



F88D60



D6A044



A7B045

Triad

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



D6A044



00C2C8



D490EC

Complementary

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



D6A044



447AD6

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.



8CA4FF



D6A044



00BEF3

Square

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



D6A044



00C194



00B4FF



FC80BF

Rectangle

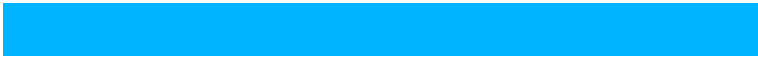
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6A044



82B858



00B4FF



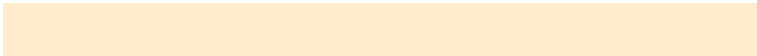
C096F8

Sweetspot

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



D6A044



FFECCC



D6447C



807461



000000



808080

Same Dimension

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



D6A044



FFB22E



C5D644



6B6760



AB6C00



2B1B00

Inverse Universe

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



447AD6



2E7BFF



5544D6



60646B



003FAB



00102B

Previews

White Background



This preview shows how the Hex color D6A044 looks on a white background.

Color Contrast Check

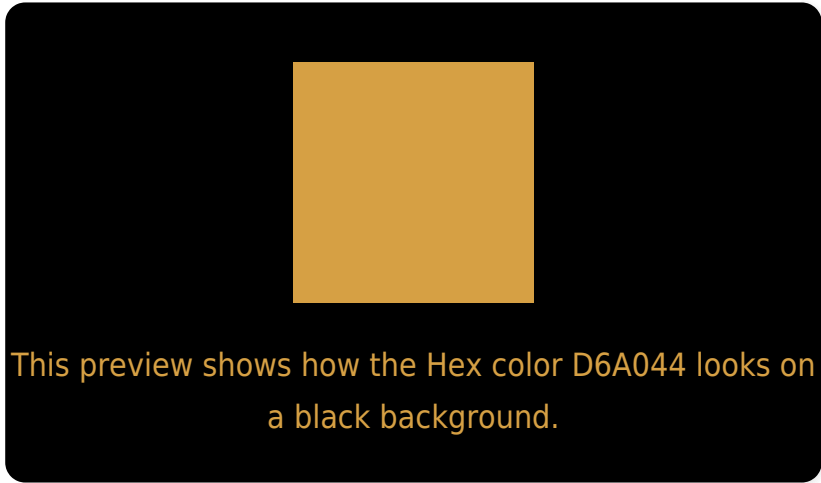
Large Text (above 18pt) WCAG AA × Fail

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 D6A044 Background



This preview shows how black text looks on a background with the Hex color D6A044.



This preview shows how white text looks on a background with the Hex color D6A044.

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
D6A044

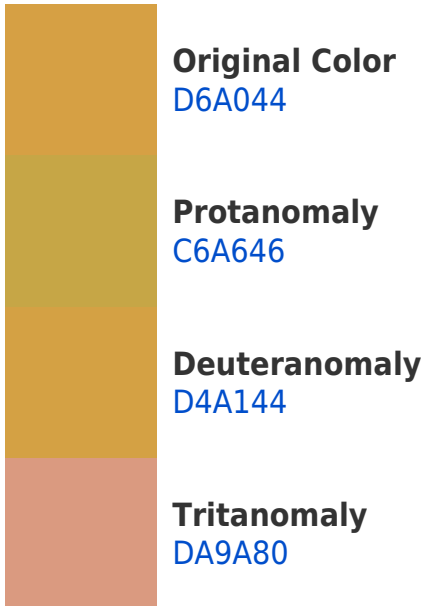
Protanopia
BDAA47

Deuteranopia
D3A144

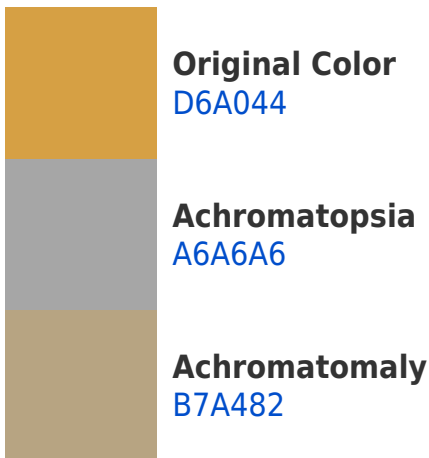


Tritanopia
DD96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6A044 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 #D6A044 looks like.

```
.text, #text, p{  
    color:#D6A044  
}
```

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 #D6A044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6A044
}
```

Border

The CSS property to change the border of an element to Hex D6A044 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
#D6A044 }
```

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

```
.border{ border-color:#D6A044 }
```

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

Here you see how a box with a 4 pixel #D6A044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6A044; -webkit-box-shadow:4px 4px  
4px 4px #D6A044; box-shadow:4px 4px 4px  
4px #D6A044 }
```

Background

The CSS property to change the background color of an element to Hex D6A044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6A044 }
```

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

```
.background{ background-color:#D6A044 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor