

Converting Colors

Hex(D6A533)

Have a look what the booklet for
Hex(D6A533) contains.

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Color

Hex(D6A533)

Conversions

Conversions Part 1

Format	Color
Hex	D6A533
RGB	214, 165, 51
RGB Percent	84%, 65%, 20%
CMY	0.1608, 0.3529, 0.8000
CMYK	0.00, 0.23, 0.76, 0.16
HSL	42°, 67%, 52%
HSV	42°, 76%, 84%
XYZ	41.7842, 41.4454, 8.9295
YIQ	166.6550, 65.7980, -25.0660

Conversions

Conversions Part 2

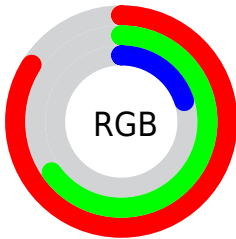
Format	Color
RYB	121, 214, 51
Decimal	14066995
CIELab	70.49, 7.40, 62.22
CIElCh	70, 62.660, 83.221
Yxy	41.4454, 0.4534, 0.4497
Android (android.graphics.Color)	4292257075 (0xFFD6A533)
YUV	166.6550, -57.0179, 41.5216
Hunter-Lab	64.3781, 3.1926, 36.8410

Details

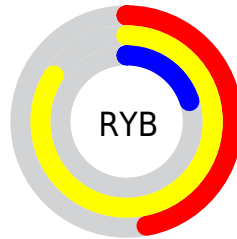
The Hex color **D6A533** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3364D6**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFDC69**, and **9B7200** is the 20% darker color. If you saturate the color by 10%, you get **D69F1E**, and if you desaturate by 10%, it is **D6AB48**.

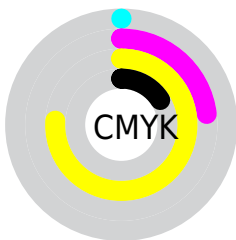
Distribution



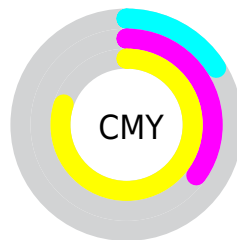
- Red (84%)
- Green (65%)
- Blue (20%)



- Red (47%)
- Yellow (84%)
- Blue (20%)



- Cyan (0%)
- Magenta (23%)
- Yellow (76%)
- Black (16%)



- Cyan (16%)
- Magenta (35%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6A533 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 D6A533 by changing the saturation by 10% instead.

 D6A533

 D6A533

FFFFFF

 B88B13

 FFDC69

 9B7200

 FFF884

 7E5900

 FFFFA0

 624200

 FFFFBC

 472C00

 FFFFD9

 2D1800

 FFFFF6

 130000

 000000

 D6A533

 D6A533

 D69F1E

 D6AB48

 D69808

 D6B25E

 D69600

 D6B873

 D6BF89

 D6C59E

 D6CCB3

 D6D2C9

 D6D8DE

 D6DFF4

Harmonies

Analogous

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



FF8F52



D6A533



A0B73B

Triad

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



D6A533



00C8D8



E58BF1

Complementary

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



D6A533



3364D6

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.



97A3FF



D6A533



00C3FF

Square

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



D6A533



00C79D



00B7FF



FF79BC

Rectangle

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



D6A533



73BF55



00B7FF



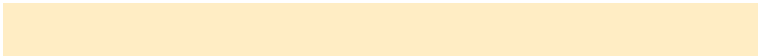
D093FF

Sweetspot

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



D6A533



FFEDC4



D63367



80755C



000000



808080

Same Dimension

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



D6A533



FFB917



B8D633



6B6860



AB7700



2B1E00

Inverse Universe

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



3364D6



175DFF



5133D6



60646B



0033AB



000D2B

Previews

White Background



This preview shows how the Hex color D6A533 looks on a white background.

Color Contrast Check

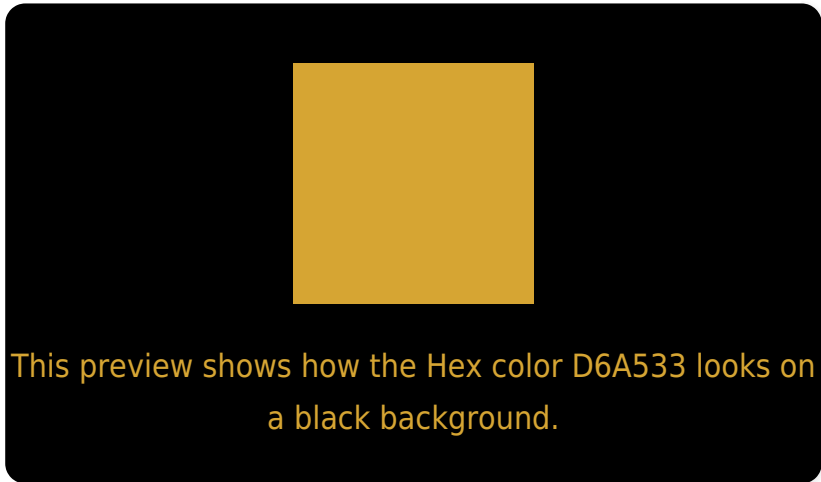
Large Text (above 18pt) WCAG AA × Fail

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 D6A533 Background



This preview shows how black text looks on a background with the Hex color D6A533.



This preview shows how white text looks on a background with the Hex color D6A533.

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
D6A533

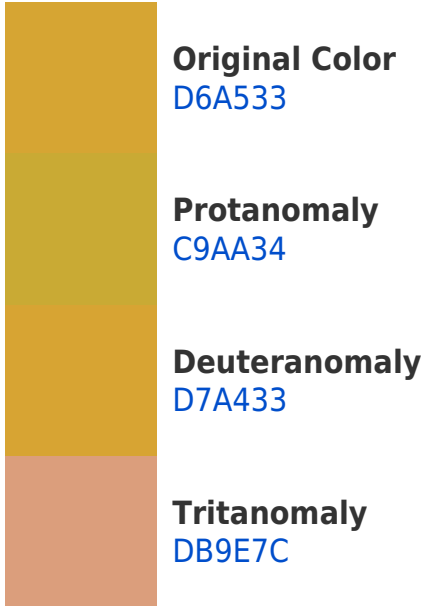
Protanopia
C1AD35

Deuteranopia
D8A433

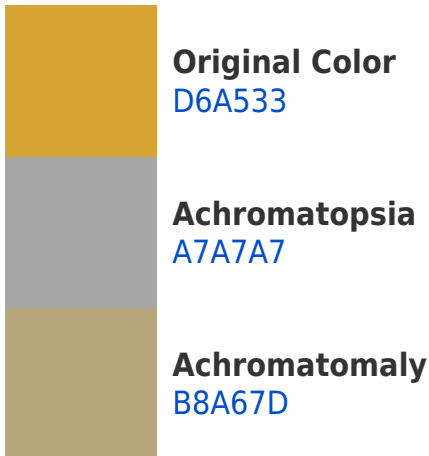


Tritanopia
DE9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6A533 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 #D6A533 looks like.

```
.text, #text, p{  
    color:#D6A533  
}
```

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 #D6A533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6A533
}
```

Border

The CSS property to change the border of an element to Hex D6A533 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
#D6A533 }
```

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

```
.border{ border-color:#D6A533 }
```

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

Here you see how a box with a 4 pixel #D6A533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6A533; -webkit-box-shadow:4px 4px  
4px 4px #D6A533; box-shadow:4px 4px 4px  
4px #D6A533 }
```

Background

The CSS property to change the background color of an element to Hex D6A533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6A533 }
```

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

```
.background{ background-color:#D6A533 }
```

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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