

Converting Colors

Hex(D6A200)

Have a look what the booklet for
Hex(D6A200) contains.

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Color

Hex(D6A200)

Conversions

Conversions Part 1

Format	Color
Hex	D6A200
RGB	214, 162, 0
RGB Percent	84%, 64%, 0%
CMY	0.1608, 0.3647, 1.0000
CMYK	0.00, 0.24, 1.00, 0.16
HSL	45°, 100%, 42%
HSV	45°, 100%, 84%
XYZ	40.6519, 40.1368, 5.6046
YIQ	159.0800, 82.9940, -39.3580

Conversions

Conversions Part 2

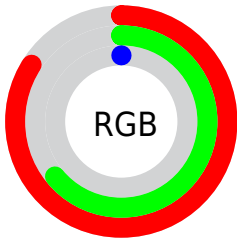
Format	Color
RYB	69, 214, 0
Decimal	14066176
CIELab	69.57, 7.90, 73.13
CIElCh	70, 73.557, 83.837
Yxy	40.1368, 0.4705, 0.4646
Android (android.graphics.Color)	4292256256 (0xFFD6A200)
YUV	159.0800, -78.4264, 48.1648
Hunter-Lab	63.3536, 3.6686, 39.1024

Details

The Hex color **D6A200** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0034D6**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFD84D**, and **9A6F00** is the 20% darker color. If you saturate the color by 10%, you get **D6A200**, and if you desaturate by 10%, it is **D6A715**.

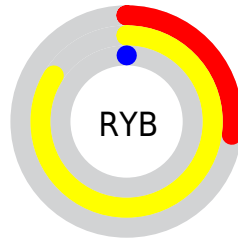
Distribution



Red (84%)

Green (64%)

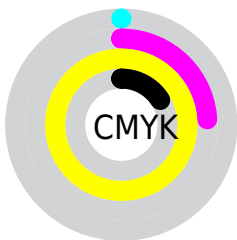
Blue (0%)



Red (27%)

Yellow (84%)

Blue (0%)

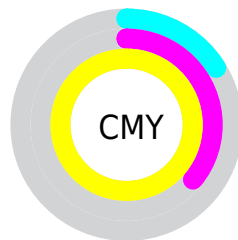


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6A200 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 D6A200 by changing the saturation by 10% instead.

 D6A200

 D6A200

FFFFFF

 B88800

 FFD84D

 9A6F00

 FFF569

 7D5700

 FFFF85

 604000

 FFFFA1

 452A00

 FFFFBE

 2B1600

 FFFFDB

 0F0000

 FFFFF9

 000000

 D6A200

 D6A715

 D6AC2B

 D6B240

 D6B756

 D6BC6B

 D6C180

 D6C696

 D6CCAB

 D6D1C1

Harmonies

Analogous

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



FF873D



D6A200



97B618

Triad

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



D6A200



00C9DE



ED7FFA

Complementary

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



D6A200



0034D6

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.



8E9EFF



D6A200



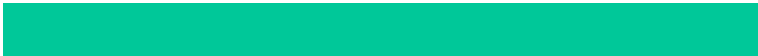
00C4FF

Square

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



D6A200



00C899



00B6FF



FF68BB

Rectangle

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



D6A200



60BF41



00B6FF



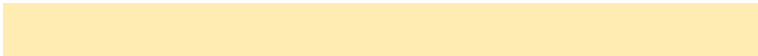
D48AFF

Sweetspot

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



D6A200



FFECB3



D60036



807452



000000



808080

Same Dimension

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



D6A200



FFC100



A1D600



6B6860



AB8100



2B2100

Inverse Universe

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



0034D6



003EFF



3600D6



60636B



002AAB



000B2B

Previews

White Background



This preview shows how the Hex color D6A200 looks on a white background.

Color Contrast Check

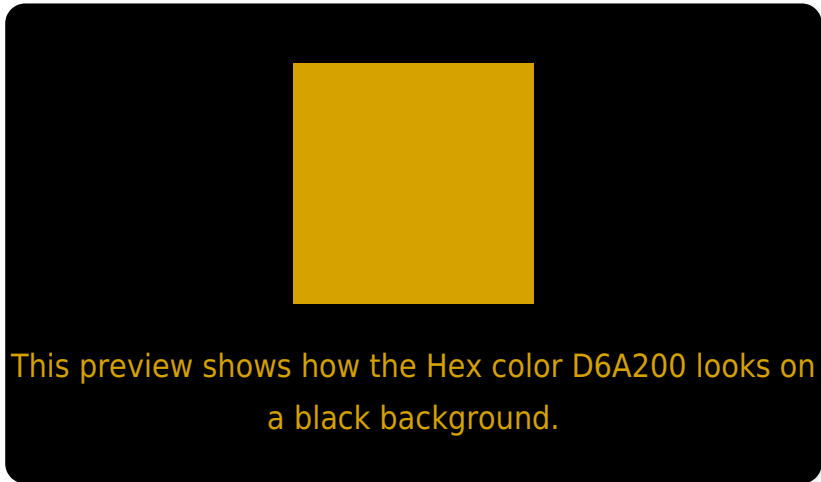
Large Text (above 18pt) WCAG AA × Fail

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 D6A200 Background



This preview shows how black text looks on a background with the Hex color D6A200.



This preview shows how white text looks on a background with the Hex color D6A200.

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
D6A200

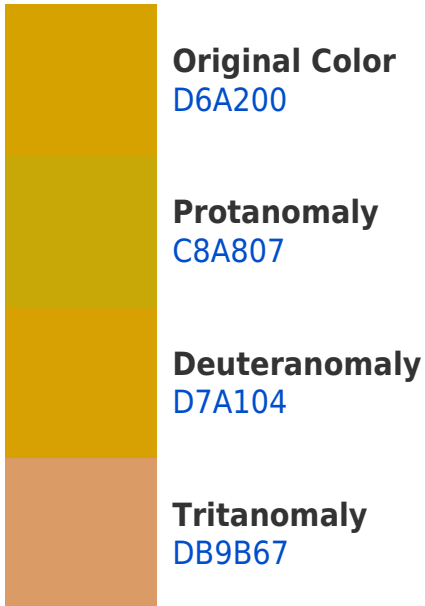
Protanopia
C0AB0B

Deuteranopia
D7A106

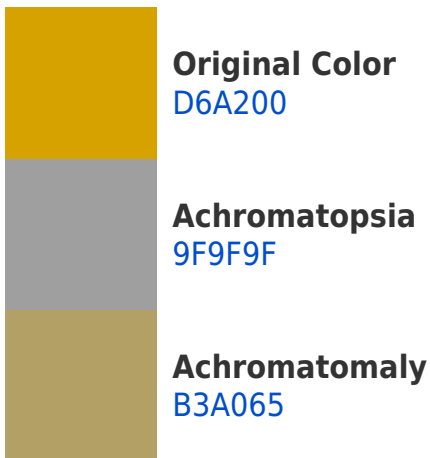


Tritanopia
DE97A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6A200 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 #D6A200 looks like.

```
.text, #text, p{  
    color:#D6A200  
}
```

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 #D6A200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6A200
}
```

Border

The CSS property to change the border of an element to Hex D6A200 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
#D6A200 }
```

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

```
.border{ border-color:#D6A200 }
```

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

Here you see how a box with a 4 pixel #D6A200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6A200; -webkit-box-shadow:4px 4px  
4px 4px #D6A200; box-shadow:4px 4px 4px  
4px #D6A200 }
```

Background

The CSS property to change the background color of an element to Hex D6A200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6A200 }
```

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

```
.background{ background-color:#D6A200 }
```

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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