

# Converting Colors

Hex(D6A900)

Have a look what the booklet for  
Hex(D6A900) contains.

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**Color**

**Hex(D6A900)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D6A900                      |
| RGB         | 214, 169, 0                 |
| RGB Percent | 84%, 66%, 0%                |
| CMY         | 0.1608, 0.3373, 1.0000      |
| CMYK        | 0.00, 0.21, 1.00, 0.16      |
| HSL         | 47°, 100%, 42%              |
| HSV         | 47°, 100%, 84%              |
| XYZ         | 41.9195, 42.6721, 6.0271    |
| YIQ         | 163.1890, 81.0690, -43.0190 |

# Conversions

## Conversions Part 2

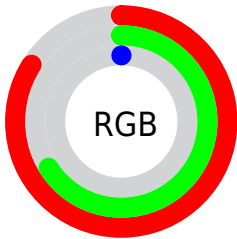
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">57, 214, 0</a>                  |
| Decimal                             | <a href="#">14067968</a>                    |
| CIELab                              | <a href="#">71.33, 4.16, 74.35</a>          |
| CIELCh                              | <a href="#">71, 74.467, 86.794</a>          |
| Yxy                                 | <a href="#">42.6721, 0.4626, 0.4709</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4292258048<br/>(0xFFD6A900)</a> |
| YUV                                 | <a href="#">163.1890, -80.4522, 44.5612</a> |
| Hunter-Lab                          | <a href="#">65.3239, 0.2300, 40.2563</a>    |

# Details

The Hex color **D6A900** 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 **002DD6**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFE04E**, and **9A7500** is the 20% darker color. If you saturate the color by 10%, you get **D6A900**, and if you desaturate by 10%, it is **D6AE15**.

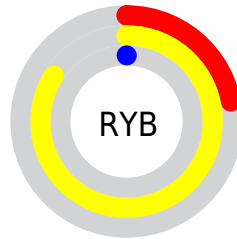
# Distribution



Red (84%)

Green (66%)

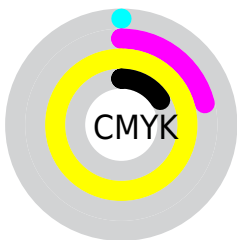
Blue (0%)



Red (22%)

Yellow (84%)

Blue (0%)

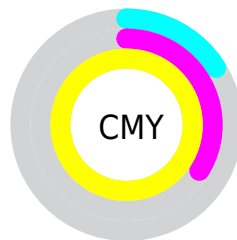


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (34%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6A900 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 D6A900 by changing the saturation by 10% instead.



 D6A900

 D6A900

FFFFFF

 B88F00

 FFE04E

 9A7500

 FFFC6B

 7D5D00

 FFFF87

 604600

 FFFFA3

 453000

 FFFFC0

 2B1B00

 FFFFDD

 110100

 FFFFFB

 000000

 D6A900

 D6AE15

 D6B22B

 D6B640

 D6BB56

 D6C06B

 D6C480

 D6C996

 D6CDAB

 D6D2C1

# Harmonies

## Analogous

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



FF8E3A



D6A900



94BD21

# Triad

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



D6A900



00CEEA



F981FA

# Complementary

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



D6A900



002DD6

# 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.



9FA0FF



D6A900



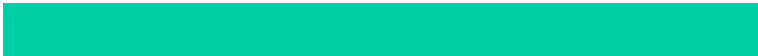
00C8FF

# Square

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



D6A900



00CEA5



00B9FF



FF6BB9

# Rectangle

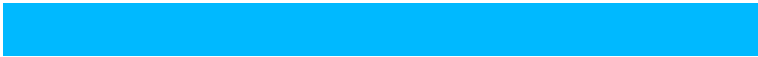
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6A900



59C54A



00B9FF



E28BFF



# Sweetspot

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



D6A900



FFEFB3



D6002E



807652



000000



808080



# Same Dimension

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



D6A900



FFC900



99D600



6B6960



AB8700



2B2200



# Inverse Universe

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



002DD6



0036FF



3D00D6



60636B



0024AB



00092B



# Previews

## White Background



This preview shows how the Hex color D6A900 looks on a white background.

## Color Contrast Check

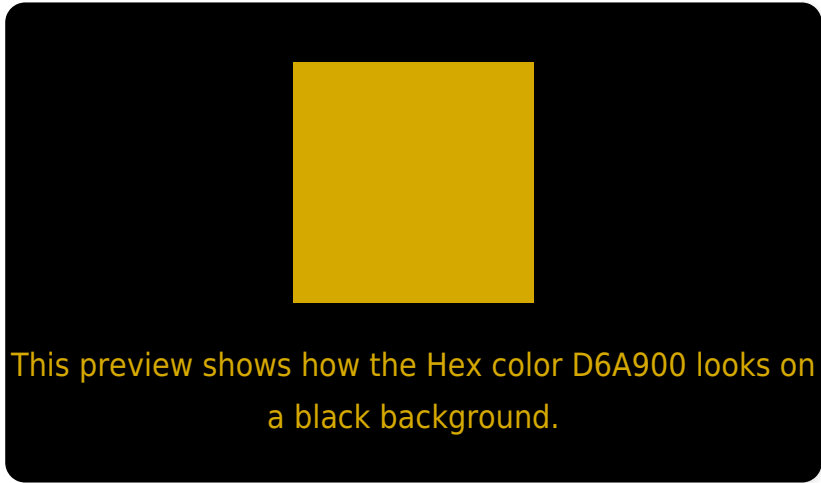
Large Text (above 18pt) WCAG AA × Fail

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 D6A900 Background



This preview shows how black text looks on a background with the Hex color D6A900.



This preview shows how white text looks on a background with the Hex color D6A900.

# 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**  
D6A900

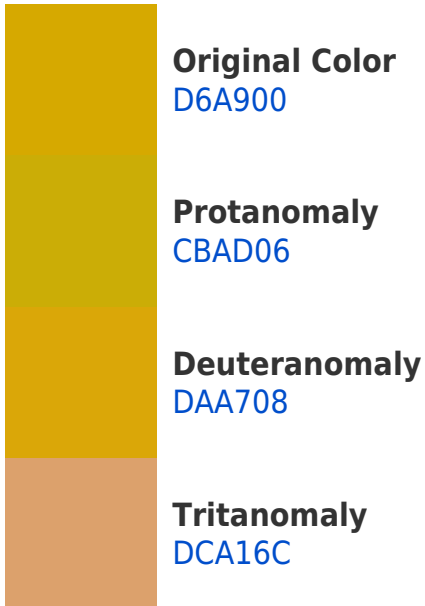
**Protanopia**  
C5AF0A

**Deuteranopia**  
DDA60D

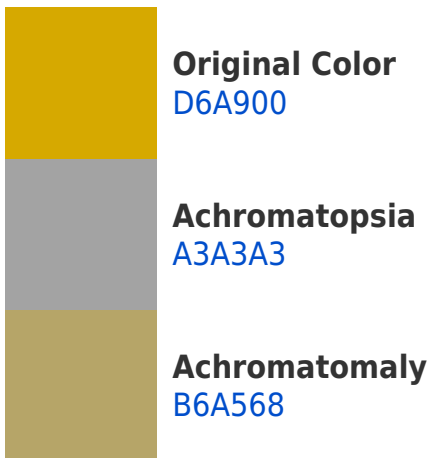


**Tritanopia**  
DF9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6A900 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 #D6A900 looks like.

```
.text, #text, p{  
    color:#D6A900  
}
```

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 #D6A900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6A900
}
```

## Border

The CSS property to change the border of an element to Hex D6A900 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
#D6A900 }
```

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

```
.border{ border-color:#D6A900 }
```

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

Here you see how a box with a 4 pixel #D6A900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6A900; -webkit-box-shadow:4px 4px  
4px 4px #D6A900; box-shadow:4px 4px 4px  
4px #D6A900 }
```

# Background

The CSS property to change the background color of an element to Hex D6A900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6A900 }
```

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

```
.background{ background-color:#D6A900 }
```

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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