

# Converting Colors

Hex(D6B629)

Have a look what the booklet for  
Hex(D6B629) contains.

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# **Color**

**Hex(D6B629)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6B629
RGB	214, 182, 41
RGB Percent	84%, 71%, 16%
CMY	0.1608, 0.2863, 0.8392
CMYK	0.00, 0.15, 0.81, 0.16
HSL	49°, 68%, 50%
HSV	49°, 81%, 84%
XYZ	44.8597, 47.9121, 8.9814
YIQ	175.4940, 64.3330, -37.0670

# Conversions

## Conversions Part 2

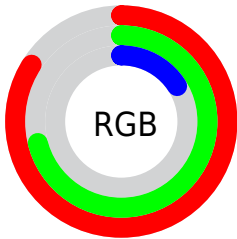
Format	Color
<b>RYB</b>	80, 214, 41
Decimal	14071337
CIELab	74.77, -1.96, 69.44
CIELCh	75, 69.465, 91.613
Yxy	47.9121, 0.4409, 0.4709
Android (android.graphics.Color)	4292261417 (0xFFD6B629)
YUV	175.4940, -66.3055, 33.7698
Hunter-Lab	69.2186, -5.4488, 40.7599

# Details

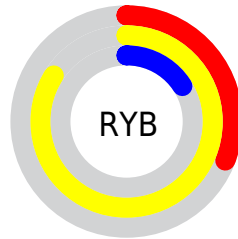
The Hex color **D6B629** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2949D6**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFEE64**, and **9B8200** is the 20% darker color. If you saturate the color by 10%, you get **D6B214**, and if you desaturate by 10%, it is **D6BA3E**.

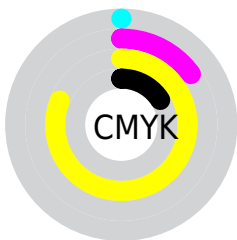
# Distribution



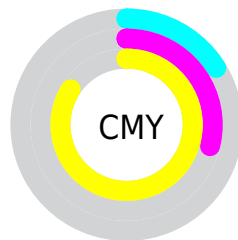
- Red (84%)
- Green (71%)
- Blue (16%)



- Red (31%)
- Yellow (84%)
- Blue (16%)



- Cyan (0%)
- Magenta (15%)
- Yellow (81%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6B629 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 D6B629 by changing the saturation by 10% instead.



 D6B629

 D6B629

FFFFFF

 B89B00

 FFEE64

 9B8200

 FFFF7F

 7E6900

 FFFF9B

 625100

 FFFFB8

 473A00

 FFFFD5

 2D2500

 FFFFF2

 131100

 000000

 D6B629

 D6B629

 D6B214

 D6BA3E

 D6AE00

 D6BE54

 D6C269

 D6C67F

 D6CA94

 D6CEA9

 D6D2BF

 D6D6D4

 D6DAEA

# Harmonies

## Analogous

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



FF9E45



D6B629



95C842

# Triad

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



D6B629



00D6F9



FF8AF6

# Complementary

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



D6B629



2949D6

# 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.



BDA6FF



D6B629



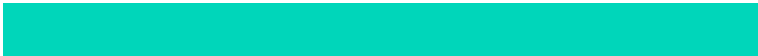
00CEFF

# Square

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



D6B629



00D6BA



00BEFF



FF7BB7

# Rectangle

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



D6B629



5CCF64



00BEFF



F493FF



# Sweetspot

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



D6B629



FFF4C2



D6294C



80795B



000000



808080



# Same Dimension

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



D6B629



FFD108



A2D629



6B6960



AB8B00



2B2300



# Inverse Universe

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



2949D6



0835FF



5D29D6



60626B



0020AB



00082B



# Previews

## White Background



This preview shows how the Hex color D6B629 looks on a white background.

## Color Contrast Check

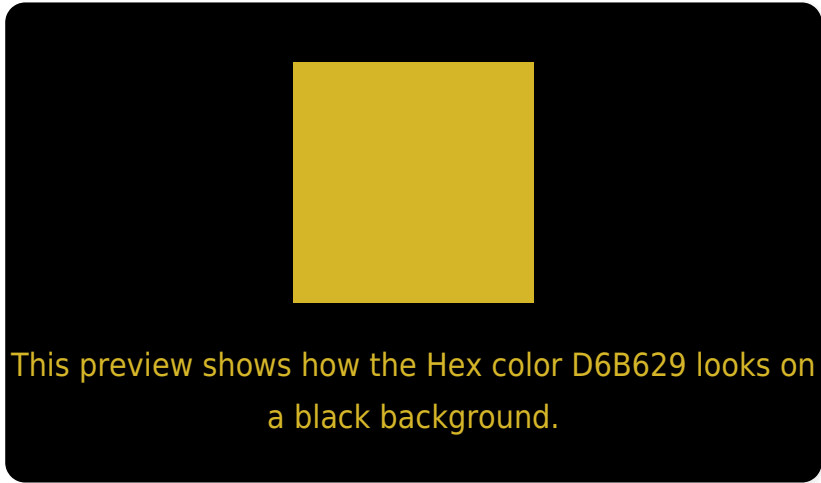
Large Text (above 18pt) WCAG AA × Fail

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 D6B629 Background



This preview shows how black text looks on a background with the Hex color D6B629.



This preview shows how white text looks on a background with the Hex color D6B629.

# 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**  
D6B629

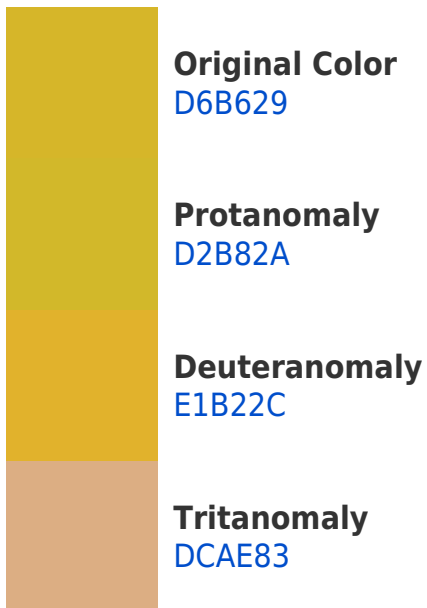
**Protanopia**  
CFB92A

**Deuteranopia**  
E8AF2D

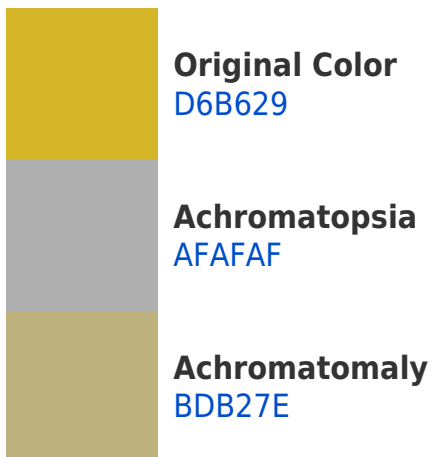


**Tritanopia**  
E0AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6B629 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 #D6B629 looks like.

```
.text, #text, p{  
    color:#D6B629  
}
```

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 #D6B629 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6B629
}
```

## Border

The CSS property to change the border of an element to Hex D6B629 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
#D6B629 }
```

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

```
.border{ border-color:#D6B629 }
```

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

Here you see how a box with a 4 pixel #D6B629 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6B629; -webkit-box-shadow:4px 4px  
4px 4px #D6B629; box-shadow:4px 4px 4px  
4px #D6B629 }
```

# Background

The CSS property to change the background color of an element to Hex D6B629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6B629 }
```

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

```
.background{ background-color:#D6B629 }
```

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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