

# Converting Colors

Hex(D6BA11)

Have a look what the booklet for  
Hex(D6BA11) contains.

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**Color**

**Hex(D6BA11)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D6BA11                      |
| RGB         | 214, 186, 17                |
| RGB Percent | 84%, 73%, 7%                |
| CMY         | 0.1608, 0.2706, 0.9333      |
| CMYK        | 0.00, 0.13, 0.92, 0.16      |
| HSL         | 51°, 85%, 45%               |
| HSV         | 51°, 92%, 84%               |
| XYZ         | 45.3916, 49.4544, 7.6836    |
| YIQ         | 175.1060, 70.9370, -46.6230 |

# Conversions

## Conversions Part 2

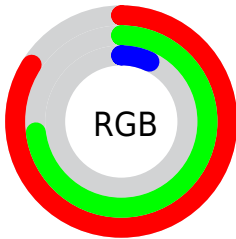
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 50, 214, 17                    |
| Decimal                             | 14072337                       |
| CIELab                              | 75.73, -4.58, 75.51            |
| CIELCh                              | 76, 75.651, 93.468             |
| Yxy                                 | 49.4544, 0.4427,<br>0.4823     |
| Android<br>(android.graphics.Color) | 4292262417<br>(0xFFD6BA11)     |
| YUV                                 | 175.1060, -77.9463,<br>34.1100 |
| Hunter-Lab                          | 70.3238, -7.8511,<br>42.7487   |

# Details

The Hex color **D6BA11** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **112DD6**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFF257**, and **9A8500** is the 20% darker color. If you saturate the color by 10%, you get **D6B800**, and if you desaturate by 10%, it is **D6BD26**.

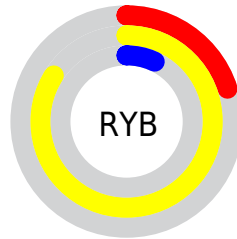
# Distribution



Red (84%)

Green (73%)

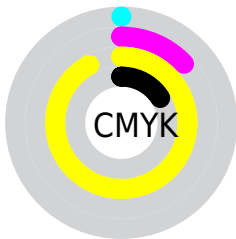
Blue (7%)



Red (20%)

Yellow (84%)

Blue (7%)

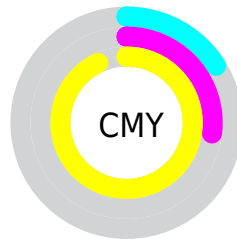


Cyan (0%)

Magenta (13%)

Yellow (92%)

Black (16%)



Cyan (16%)

Magenta (27%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6BA11 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 D6BA11 by changing the saturation by 10% instead.



 D6BA11

 D6BA11

FFFFFF

 B89F00

 FFF257

 9A8500

 FFFF73

 7E6C00

 FFFF90

 615400

 FFFFAC

 463E00

 FFFFC9

 2C2800

 FFFF7E

 121400

 000000

 D6BA11

 D6BA11

 D6B800

 D6BD26

 D6C03C

 D6C351

 D6C667

 D6C97C

 D6CC91

 D6CFA7

 D6D2BC

 D6D5D2

# Harmonies

## Analogous

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



FFA038



D6BA11



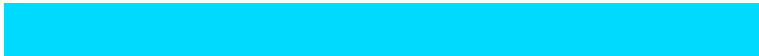
8ECC39

# Triad

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



D6BA11



00DAFF



FF85FA

# Complementary

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



D6BA11



112DD6

# 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.



C6A4FF



D6BA11



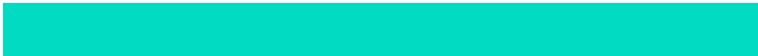
00D2FF

# Square

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



D6BA11



00DBC1



00C0FF



FF75B5

# Rectangle

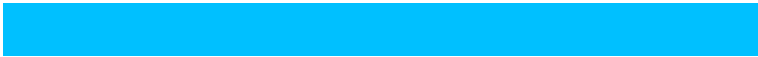
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6BA11



48D462



00C0FF



FF8FFF



# Sweetspot

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



D6BA11



FFF5B8



D6112F



807954



000000



808080



# Same Dimension

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



D6BA11



FFDB00



91D611



6B6A60



AB9300



2B2500



# Inverse Universe

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



112DD6



0024FF



5611D6



60626B



0018AB

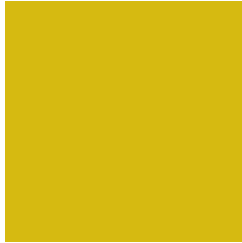


00062B



# Previews

## White Background



This preview shows how the Hex color D6BA11 looks on a white background.

## Color Contrast Check

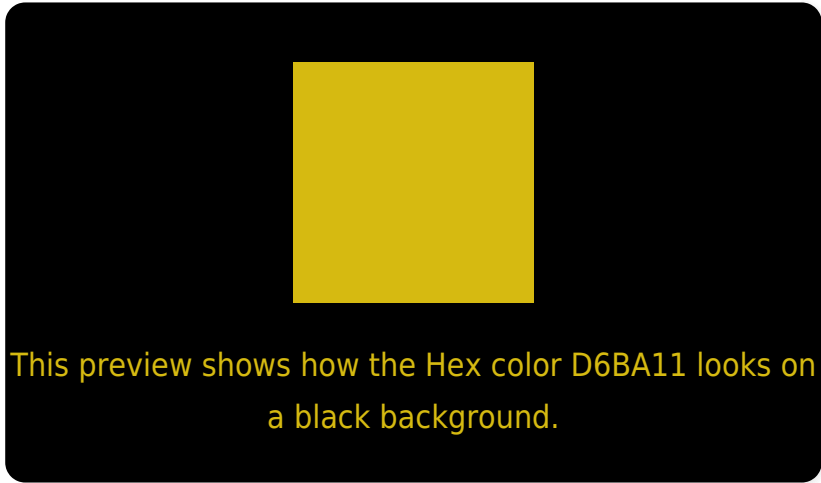
Large Text (above 18pt) WCAG AA × Fail

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 D6BA11 Background



This preview shows how black text looks on a background with the Hex color D6BA11.

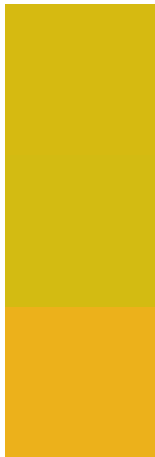


This preview shows how white text looks on a background with the Hex color D6BA11.

# 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**  
D6BA11

**Protanopia**  
D3BB12

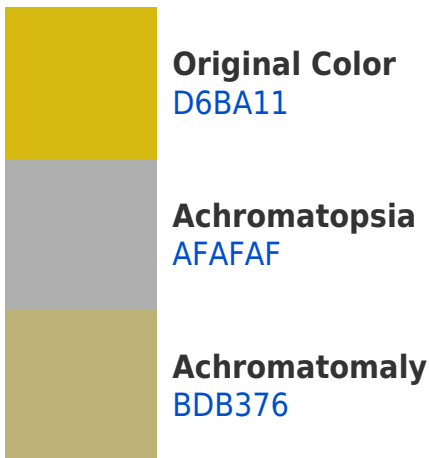
**Deuteranopia**  
ECB11B



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6BA11 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 #D6BA11 looks like.

```
.text, #text, p{  
    color:#D6BA11  
}
```

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 #D6BA11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6BA11
}
```

## Border

The CSS property to change the border of an element to Hex D6BA11 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
#D6BA11 }
```

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

```
.border{ border-color:#D6BA11 }
```

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

Here you see how a box with a 4 pixel #D6BA11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6BA11; -webkit-box-shadow:4px 4px  
4px 4px #D6BA11; box-shadow:4px 4px 4px  
4px #D6BA11 }
```

# Background

The CSS property to change the background color of an element to Hex D6BA11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6BA11 }
```

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

```
.background{ background-color:#D6BA11 }
```

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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