

Converting Colors

Hex(D6B929)

Have a look what the booklet for
Hex(D6B929) contains.

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Color

Hex(D6B929)

Conversions

Conversions Part 1

Format	Color
Hex	D6B929
RGB	214, 185, 41
RGB Percent	84%, 73%, 16%
CMY	0.1608, 0.2745, 0.8392
CMYK	0.00, 0.14, 0.81, 0.16
HSL	50°, 68%, 50%
HSV	50°, 81%, 84%
XYZ	45.4808, 49.1542, 9.1884
YIQ	177.2550, 63.5080, -38.6360

Conversions

Conversions Part 2

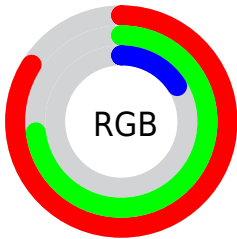
Format	Color
RYB	76, 214, 41
Decimal	14072105
CIELab	75.55, -3.52, 70.11
CIELCh	76, 70.203, 92.873
Yxy	49.1542, 0.4381, 0.4734
Android (android.graphics.Color)	4292262185 (0xFFD6B929)
YUV	177.2550, -67.1737, 32.2254
Hunter-Lab	70.1100, -6.8986, 41.3066

Details

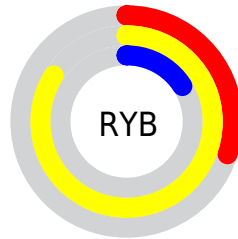
The Hex color **D6B929** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **2946D6**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFF164**, and **9B8400** is the 20% darker color. If you saturate the color by 10%, you get **D6B514**, and if you desaturate by 10%, it is **D6BD3E**.

Distribution



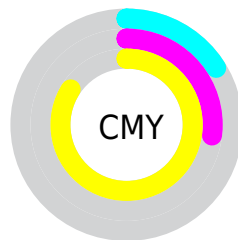
- Red (84%)
- Green (73%)
- Blue (16%)



- Red (30%)
- Yellow (84%)
- Blue (16%)



- Cyan (0%)
- Magenta (14%)
- Yellow (81%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6B929 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 D6B929 by changing the saturation by 10% instead.

 D6B929

 D6B929

FFFFFF

 B89E00

 FFF164

 9B8400

 FFFF80

 7E6B00

 FFFF9C

 625300

 FFFFB8

 473D00

 FFFFD5

 2D2700

 FFFFF3

 131300

 000000

 D6B929

 D6B929

 D6B514

 D6BD3E

 D6B200

 D6C054

 D6C469

 D6C77F

 D6CB94

 D6CFA9

 D6D2BF

 D6D6D4

 D6D9EA

Harmonies

Analogous

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



FFA144



D6B929



94CA44

Triad

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



D6B929



00D8FF



FF8BF6

Complementary

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



D6B929



2946D6

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.



C4A6FF



D6B929



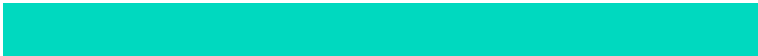
00D0FF

Square

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



D6B929



00D9BF



00C0FF



FF7DB7

Rectangle

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



D6B929



58D268



00C0FF



FA93FF

Sweetspot

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



D6B929



FFF5C2



D62949



80795B



000000



808080

Same Dimension

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



D6B929



FFD608



9FD629



6B6960



AB8E00



2B2400

Inverse Universe

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



2946D6



0831FF



6029D6



60626B



001DAB



00072B

Previews

White Background



This preview shows how the Hex color D6B929 looks on a white background.

Color Contrast Check

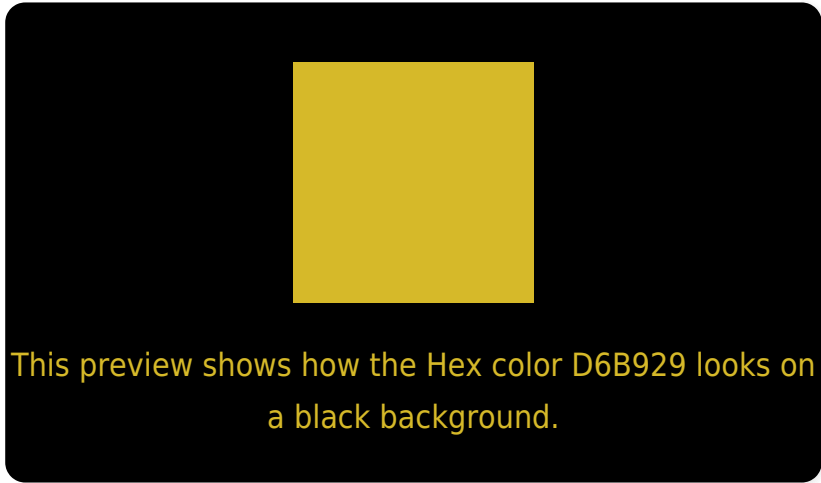
Large Text (above 18pt) WCAG AA × Fail

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 D6B929 Background



This preview shows how black text looks on a background with the Hex color D6B929.



This preview shows how white text looks on a background with the Hex color D6B929.

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
D6B929

Protanopia
D1BB29

Deuteranopia
EAB12D

Trichromacy



Original Color
D6B929

Protanomaly
D3BA29

Deuteranomaly
E3B42C

Tritanomaly
DCB185

Monochromacy



Original Color
D6B929

Achromatopsia
B1B1B1

Achromatomaly
BEB480

CSS Examples

Text

The CSS property to change the color of the text to Hex D6B929 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 #D6B929 looks like.

```
.text, #text, p{  
    color:#D6B929  
}
```

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 #D6B929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6B929
}
```

Border

The CSS property to change the border of an element to Hex D6B929 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
#D6B929 }
```

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

```
.border{ border-color:#D6B929 }
```

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

Here you see how a box with a 4 pixel #D6B929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6B929; -webkit-box-shadow:4px 4px  
4px 4px #D6B929; box-shadow:4px 4px 4px  
4px #D6B929 }
```

Background

The CSS property to change the background color of an element to Hex D6B929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6B929 }
```

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

```
.background{ background-color:#D6B929 }
```

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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