

Converting Colors

Hex(D6B904)

Have a look what the booklet for
Hex(D6B904) contains.

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Color

Hex(D6B904)

Conversions

Conversions Part 1

Format	Color
Hex	D6B904
RGB	214, 185, 4
RGB Percent	84%, 73%, 2%
CMY	0.1608, 0.2745, 0.9843
CMYK	0.00, 0.14, 0.98, 0.16
HSL	52°, 96%, 43%
HSV	52°, 98%, 84%
XYZ	45.1024, 49.0028, 7.1962
YIQ	173.0370, 75.3850, -50.1430

Conversions

Conversions Part 2

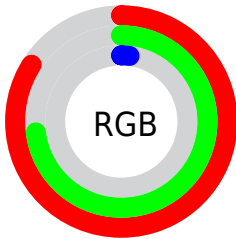
Format	Color
R_{YB}	38, 214, 4
Decimal	14072068
CIE Lab	75.45, -4.20, 76.82
CIE LCh	75, 76.931, 93.130
Yxy	49.0028, 0.4452, 0.4837
Android (android.graphics.Color)	4292262148 (0xFFD6B904)
YUV	173.0370, -83.3352, 35.9246
Hunter-Lab	70.0020, -7.4957, 42.9064

Details

The Hex color **D6B904** 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 **0421D6**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFF153**, and **9A8400** is the 20% darker color. If you saturate the color by 10%, you get **D6B800**, and if you desaturate by 10%, it is **D6BC19**.

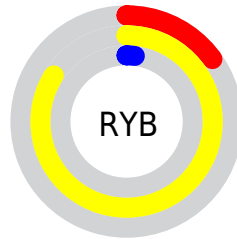
Distribution



Red (84%)

Green (73%)

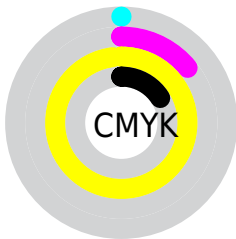
Blue (2%)



Red (15%)

Yellow (84%)

Blue (2%)

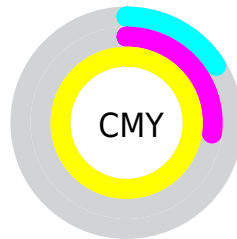


Cyan (0%)

Magenta (14%)

Yellow (98%)

Black (16%)



Cyan (16%)

Magenta (27%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6B904 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 D6B904 by changing the saturation by 10% instead.

 D6B904

 D6B904

FFFFFF

 B89E00

 FFF153

 9A8400

 FFFF6F

 7E6B00

 FFFF8C

 615400

 FFFFA9

 463D00

 FFFFC6

 2C2700

 FFFF E3

 121400

 000000

 D6B904

 D6B904

 D6B800

 D6BC19

 D6BF2F

 D6C244

 D6C55A

 D6C86F

 D6CB84

 D6CE9A

 D6D1AF

 D6D4C5

Harmonies

Analogous

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



FF9E35



D6B904



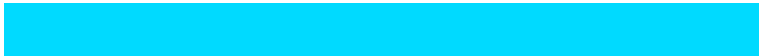
8DCC35

Triad

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



D6B904



00DAFF



FF84FB

Complementary

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



D6B904



0421D6

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.



C4A4FF



D6B904



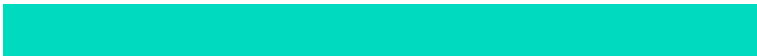
00D2FF

Square

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



D6B904



00DBBF



00C0FF



FF72B5

Rectangle

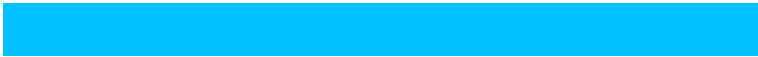
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6B904



45D45F



00C0FF



FF8EFF

Sweetspot

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



D6B904



FFF5B5



D60424



807953



000000



808080

Same Dimension

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



D6B904



FFDC00



8DD604



6B6A60



AB9300



2B2500

Inverse Universe

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



0421D6



0023FF



4D04D6



60626B



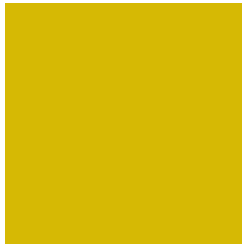
0018AB



00062B

Previews

White Background



This preview shows how the Hex color D6B904 looks on a white background.

Color Contrast Check

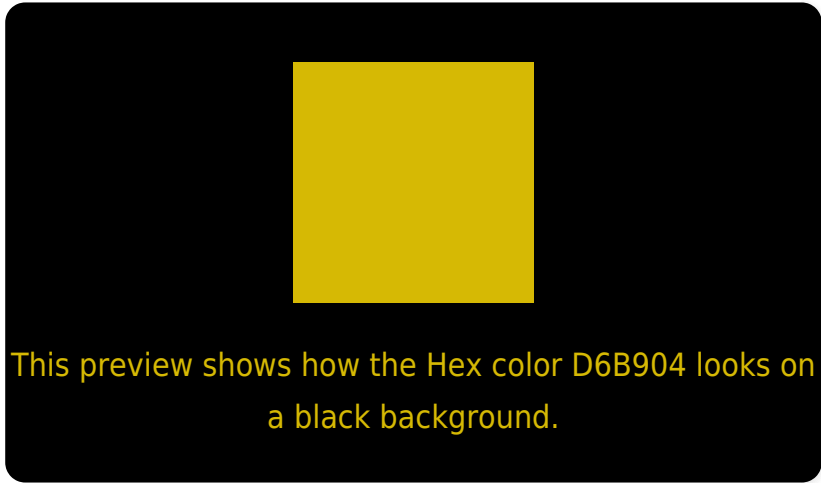
Large Text (above 18pt) WCAG AA × Fail

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 D6B904 Background



This preview shows how black text looks on a background with the Hex color D6B904.

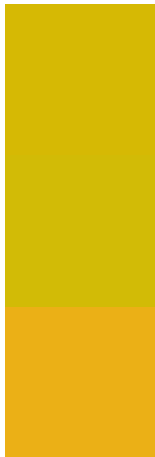


This preview shows how white text looks on a background with the Hex color D6B904.

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
D6B904

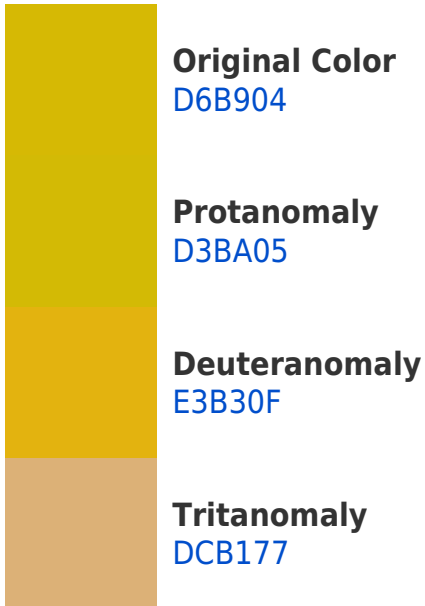
Protanopia
D2BB06

Deuteranopia
EBB016

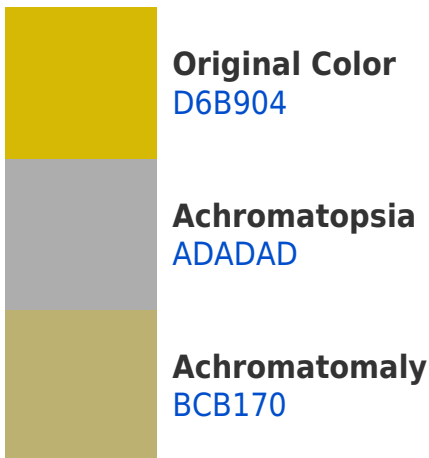


Tritanopia
E0ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6B904 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 #D6B904 looks like.

```
.text, #text, p{  
    color:#D6B904  
}
```

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 #D6B904 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6B904
}
```

Border

The CSS property to change the border of an element to Hex D6B904 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
#D6B904 }
```

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

```
.border{ border-color:#D6B904 }
```

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

Here you see how a box with a 4 pixel #D6B904 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6B904; -webkit-box-shadow:4px 4px  
4px 4px #D6B904; box-shadow:4px 4px 4px  
4px #D6B904 }
```

Background

The CSS property to change the background color of an element to Hex D6B904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6B904 }
```

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

```
.background{ background-color:#D6B904 }
```

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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