

Converting Colors

Hex(D6B018)

Have a look what the booklet for
Hex(D6B018) contains.

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Color

Hex(D6B018)

Conversions

Conversions Part 1

Format	Color
Hex	D6B018
RGB	214, 176, 24
RGB Percent	84%, 69%, 9%
CMY	0.1608, 0.3098, 0.9059
CMYK	0.00, 0.18, 0.89, 0.16
HSL	48°, 80%, 47%
HSV	48°, 89%, 84%
XYZ	43.4218, 45.4128, 7.3411
YIQ	170.0340, 71.4400, -39.2160

Conversions

Conversions Part 2

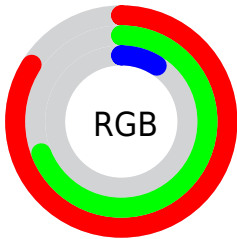
Format	Color
RYB	72, 214, 24
Decimal	14069784
CIELab	73.16, 0.77, 72.33
CIELCh	73, 72.332, 89.394
Yxy	45.4128, 0.4515, 0.4722
Android (android.graphics.Color)	4292259864 (0xFFD6B018)
YUV	170.0340, -71.9948, 38.5582
Hunter-Lab	67.3890, -2.9151, 40.7134

Details

The Hex color **D6B018** 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 **183ED6**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFE758**, and **9A7C00** is the 20% darker color. If you saturate the color by 10%, you get **D6AC03**, and if you desaturate by 10%, it is **D6B42D**.

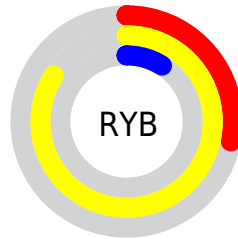
Distribution



Red (84%)

Green (69%)

Blue (9%)



Red (28%)

Yellow (84%)

Blue (9%)

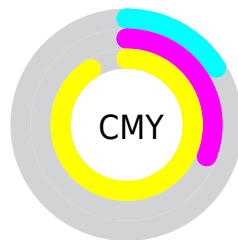


Cyan (0%)

Magenta (18%)

Yellow (89%)

Black (16%)



Cyan (16%)

Magenta (31%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6B018 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 D6B018 by changing the saturation by 10% instead.

 D6B018

 D6B018

FFFFFF

 B89600

 FFE758

 9A7C00

 FFFF74

 7E6300

 FFFF90

 614C00

 FFFFAD

 463600

 FFFFCA

 2C2100

 FFFFE7

 120A00

 000000

 D6B018

 D6B018

 D6AC03

 D6B42D

 D6AB00

 D6B943

 D6BD58

 D6C16E

 D6C583

 D6CA98

 D6CEAE

 D6D2C3

 D6D7D9

Harmonies

Analogous

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



FF963F



D6B018



94C333

Triad

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



D6B018



00D2F3



FF85F8

Complementary

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



D6B018



183ED6

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.



B0A3FF



D6B018



00CBFF

Square

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



D6B018



00D3B0



00BCFF



FF73B8

Rectangle

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



D6B018



59CB58



00BCFF



EC8FFF

Sweetspot

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



D6B018



FFF1BA



D6183E



807757



000000



808080

Same Dimension

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



D6B018



FFCC00



9DD618



6B6960



AB8900



2B2300

Inverse Universe

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



183ED6



0033FF



5118D6



60636B



0022AB



00092B

Previews

White Background



This preview shows how the Hex color D6B018 looks on a white background.

Color Contrast Check

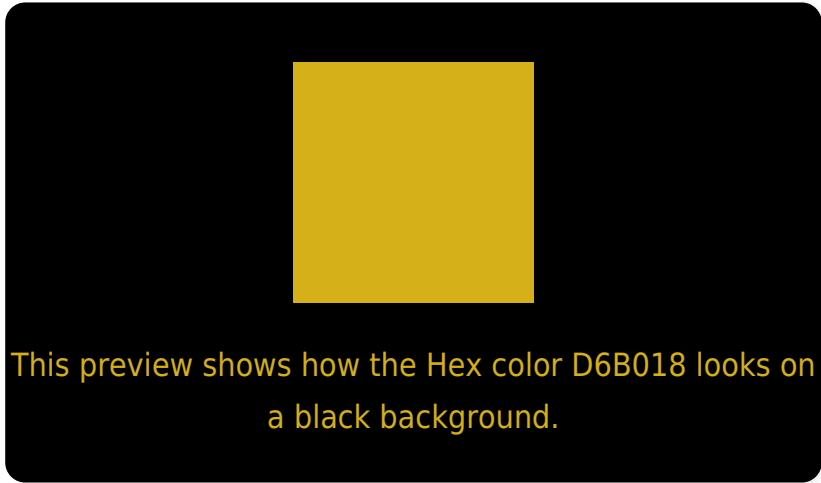
Large Text (above 18pt) WCAG AA × Fail

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 D6B018 Background



This preview shows how black text looks on a background with the Hex color D6B018.



This preview shows how white text looks on a background with the Hex color D6B018.

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
D6B018

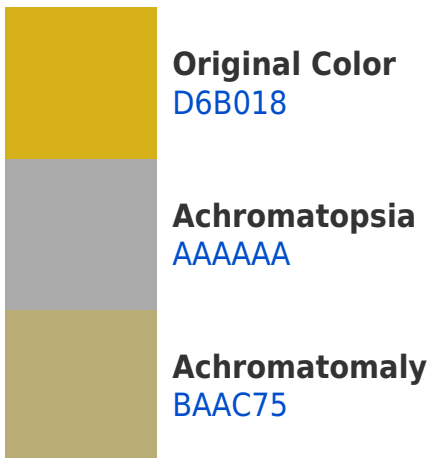
Protanopia
CBB419

Deuteranopia
E3AB1D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6B018 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 #D6B018 looks like.

```
.text, #text, p{  
    color:#D6B018  
}
```

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 #D6B018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6B018
}
```

Border

The CSS property to change the border of an element to Hex D6B018 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
#D6B018 }
```

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

```
.border{ border-color:#D6B018 }
```

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

Here you see how a box with a 4 pixel #D6B018 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6B018; -webkit-box-shadow:4px 4px  
4px 4px #D6B018; box-shadow:4px 4px 4px  
4px #D6B018 }
```

Background

The CSS property to change the background color of an element to Hex D6B018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6B018 }
```

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

```
.background{ background-color:#D6B018 }
```

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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