

Converting Colors

Hex(D2B037)

Have a look what the booklet for
Hex(D2B037) contains.

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Color

Hex(D2B037)

Conversions

Conversions Part 1

Format	Color
Hex	D2B037
RGB	210, 176, 55
RGB Percent	82%, 69%, 22%
CMY	0.1765, 0.3098, 0.7843
CMYK	0.00, 0.16, 0.74, 0.18
HSL	47°, 63%, 52%
HSV	47°, 74%, 82%
XYZ	42.7933, 45.0281, 10.0503
YIQ	172.3720, 59.1050, -30.4230

Conversions

Conversions Part 2

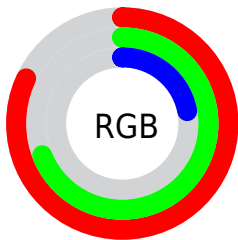
Format	Color
RYB	99, 210, 55
Decimal	13807671
CIELab	72.91, -0.01, 62.91
CIELCh	73, 62.908, 90.013
Yxy	45.0281, 0.4372, 0.4601
Android (android.graphics.Color)	4291997751 (0xFFD2B037)
YUV	172.3720, -57.8644, 32.9998
Hunter-Lab	67.1030, -3.5964, 38.0920

Details

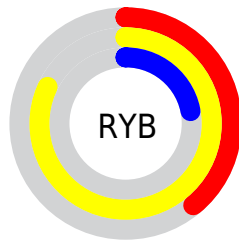
The Hex color **D2B037** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **3759D2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFE76E**, and **977C00** is the 20% darker color. If you saturate the color by 10%, you get **D2AB22**, and if you desaturate by 10%, it is **D2B54C**.

Distribution



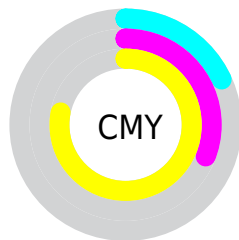
- Red (82%)
- Green (69%)
- Blue (22%)



- Red (39%)
- Yellow (82%)
- Blue (22%)



- Cyan (0%)
- Magenta (16%)
- Yellow (74%)
- Black (18%)



- Cyan (18%)
- Magenta (31%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2B037 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 D2B037 by changing the saturation by 10% instead.

 D2B037

 D2B037

FFFFFF

 B49617

 FFE76E

 977C00

 FFFF89

 7B6300

 FFFFA5

 5F4C00

 FFFF81

 443500

 FFFFDE

 2B2000

 FFFFFB

 0F0A00

 000000

 D2B037

 D2B037

 D2AB22

 D2B54C

 D2A70D

 D2B961

 D2A400

 D2BE76

 D2C28B

 D2C7A0

 D2CCB5

 D2D0CA

 D2D5DF

 D2D9F4

Harmonies

Analogous

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



FF9A4E



D2B037



98C048

Triad

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



D2B037



00CEEB



F98CED

Complementary

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



D2B037



3759D2

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.



B4A4FF



D2B037



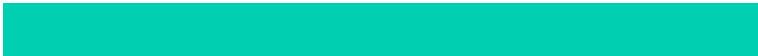
00C8FF

Square

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



D2B037



00CFB1



18B9FF



FF7FB5

Rectangle

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



D2B037



67C865



18B9FF



E694FE

Sweetspot

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



D2B037



FFF3C7



D2375B



80785E



000000



808080

Same Dimension

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



D2B037



FFCD1C



A9D237



69665E



A88300



292000

Inverse Universe

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



3759D2



1C4EFF



6037D2



5E6069



0025A8



000929

Previews

White Background



This preview shows how the Hex color D2B037 looks on a white background.

Color Contrast Check

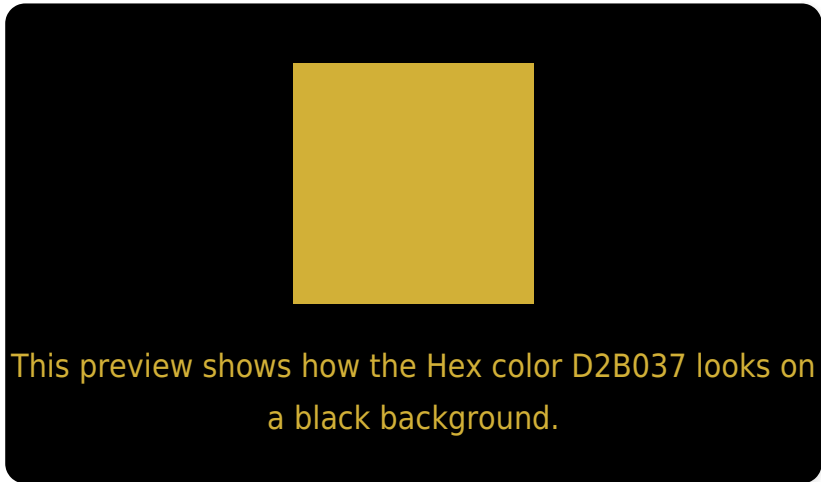
Large Text (above 18pt) WCAG AA × Fail

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 D2B037 Background



This preview shows how black text looks on a background with the Hex color D2B037.

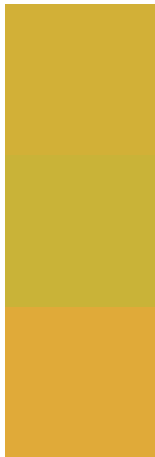


This preview shows how white text looks on a background with the Hex color D2B037.

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
D2B037

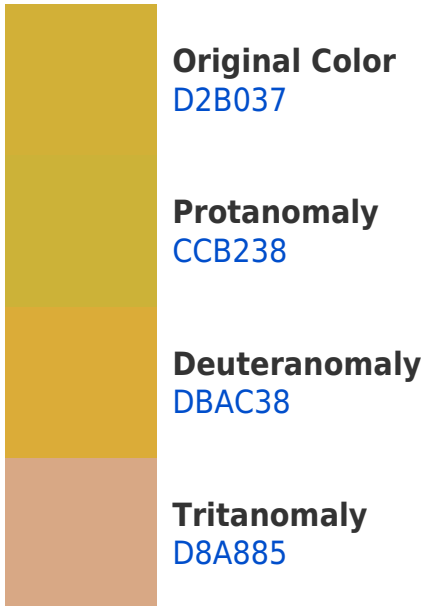
Protanopia
C9B338

Deuteranopia
E0AA39

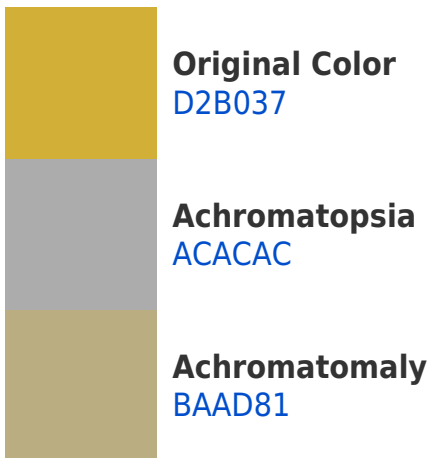


Tritanopia
DBA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2B037 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 #D2B037 looks like.

```
.text, #text, p{  
    color:#D2B037  
}
```

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 #D2B037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2B037
}
```

Border

The CSS property to change the border of an element to Hex D2B037 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
#D2B037 }
```

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

```
.border{ border-color:#D2B037 }
```

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

Here you see how a box with a 4 pixel #D2B037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2B037; -webkit-box-shadow:4px 4px  
4px 4px #D2B037; box-shadow:4px 4px 4px  
4px #D2B037 }
```

Background

The CSS property to change the background color of an element to Hex D2B037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2B037 }
```

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

```
.background{ background-color:#D2B037 }
```

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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