

Converting Colors

Hex(D2B02C)

Have a look what the booklet for
Hex(D2B02C) contains.

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Color

Hex(D2B02C)

Conversions

Conversions Part 1

Format	Color
Hex	D2B02C
RGB	210, 176, 44
RGB Percent	82%, 69%, 17%
CMY	0.1765, 0.3098, 0.8275
CMYK	0.00, 0.16, 0.79, 0.18
HSL	48°, 65%, 50%
HSV	48°, 79%, 82%
XYZ	42.5583, 44.9342, 8.8130
YIQ	171.1180, 62.6360, -33.8440

Conversions

Conversions Part 2

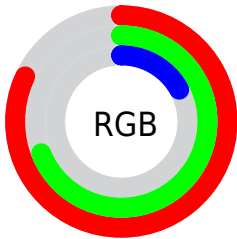
Format	Color
R _Y B	87, 210, 44
Decimal	13807660
CIE Lab	72.85, -0.45, 66.67
CIE LCh	73, 66.675, 90.386
Yxy	44.9342, 0.4419, 0.4666
Android (android.graphics.Color)	4291997740 (0xFFD2B02C)
YUV	171.1180, -62.6692, 34.0995
Hunter-Lab	67.0329, -3.9804, 39.1281

Details

The Hex color **D2B02C** 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 **2C4ED2**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE765**, and **977C00** is the 20% darker color. If you saturate the color by 10%, you get **D2AC17**, and if you desaturate by 10%, it is **D2B441**.

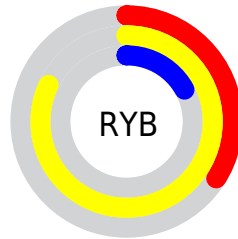
Distribution



Red (82%)

Green (69%)

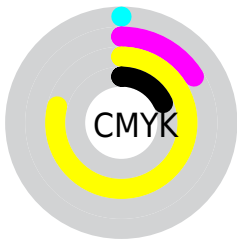
Blue (17%)



Red (34%)

Yellow (82%)

Blue (17%)

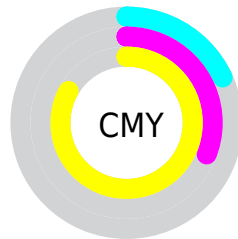


Cyan (0%)

Magenta (16%)

Yellow (79%)

Black (18%)



Cyan (18%)

Magenta (31%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2B02C 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 D2B02C by changing the saturation by 10% instead.

 D2B02C

 D2B02C

FFFFFF

 B49601

 FFE765

 977C00

 FFFF80

 7B6300

 FFFF9C

 5F4C00

 FFFFB8

 443500

 FFFFD5

 2A2100

 FFFFF2

 0E0A00

 000000

 D2B02C

 D2B02C

 D2AC17

 D2B441

 D2A702

 D2B956

 D2A700

 D2BD6B

 D2C180

 D2C695

 D2CAAA

 D2CEBF

 D2D2D4

 D2D7E9

Harmonies

Analogous

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



FF9947



D2B02C



95C141

Triad

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



D2B02C



00CFEF



FD88F0

Complementary

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



D2B02C



2C4ED2

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.



B4A2FF



D2B02C



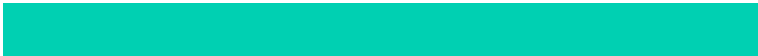
00C8FF

Square

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



D2B02C



00D0B2



00B9FF



FF7AB5

Rectangle

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



D2B02C



60C961



00B9FF



EA91FF

Sweetspot

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



D2B02C



FFF2C2



D22C50



80785B



000000



808080

Same Dimension

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



D2B02C



FFCD0D



A3D22C



69665E



A88600



292000

Inverse Universe

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



2C4ED2



0D3EFF



5B2CD2



5E6069



0022A8



000829

Previews

White Background



This preview shows how the Hex color D2B02C looks on a white background.

Color Contrast Check

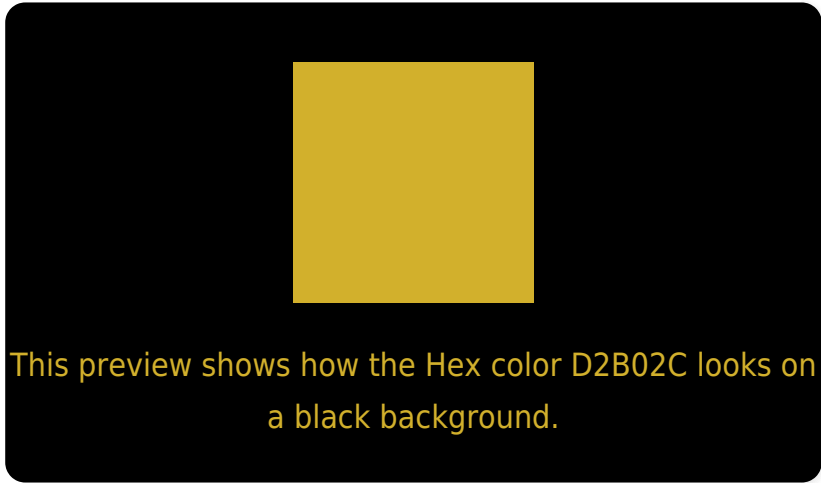
Large Text (above 18pt) WCAG AA × Fail

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 D2B02C Background



This preview shows how black text looks on a background with the Hex color D2B02C.



This preview shows how white text looks on a background with the Hex color D2B02C.

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

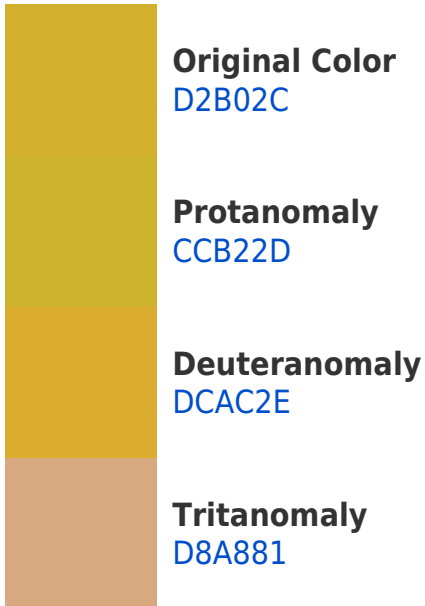


Original Color
D2B02C

Protanopia
C9B32D

Deuteranopia
E1AA2F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2B02C 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 #D2B02C looks like.

```
.text, #text, p{  
    color:#D2B02C  
}
```

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 #D2B02C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2B02C
}
```

Border

The CSS property to change the border of an element to Hex D2B02C 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
#D2B02C }
```

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

```
.border{ border-color:#D2B02C }
```

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

Here you see how a box with a 4 pixel #D2B02C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2B02C; -webkit-box-shadow:4px 4px  
4px 4px #D2B02C; box-shadow:4px 4px 4px  
4px #D2B02C }
```

Background

The CSS property to change the background color of an element to Hex D2B02C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2B02C }
```

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

```
.background{ background-color:#D2B02C }
```

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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