

Converting Colors

Hex(D2B315)

Have a look what the booklet for
Hex(D2B315) contains.

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Color

Hex(D2B315)

Conversions

Conversions Part 1

Format	Color
Hex	D2B315
RGB	210, 179, 21
RGB Percent	82%, 70%, 8%
CMY	0.1765, 0.2980, 0.9176
CMYK	0.00, 0.15, 0.90, 0.18
HSL	50°, 82%, 45%
HSV	50°, 90%, 82%
XYZ	42.8338, 45.9960, 7.3300
YIQ	170.2570, 69.1940, -42.5660

Conversions

Conversions Part 2

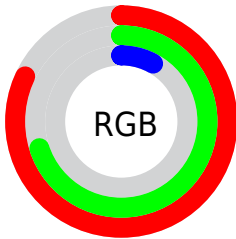
Format	Color
R _Y B	58, 210, 21
Decimal	13808405
CIE Lab	73.54, -2.62, 73.02
CIE LCh	74, 73.071, 92.054
Yxy	45.9960, 0.4454, 0.4783
Android (android.graphics.Color)	4291998485 (0xFFD2B315)
YUV	170.2570, -73.5837, 34.8546
Hunter-Lab	67.8203, -5.9490, 41.0662

Details

The Hex color **D2B315** 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 **1534D2**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFEA57**, and **977F00** is the 20% darker color. If you saturate the color by 10%, you get **D2B000**, and if you desaturate by 10%, it is **D2B62A**.

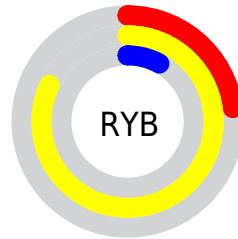
Distribution



Red (82%)

Green (70%)

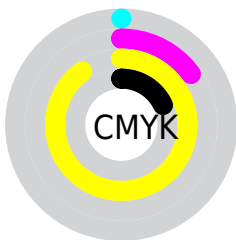
Blue (8%)



Red (23%)

Yellow (82%)

Blue (8%)

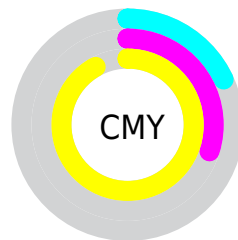


Cyan (0%)

Magenta (15%)

Yellow (90%)

Black (18%)



Cyan (18%)

Magenta (30%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2B315 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 D2B315 by changing the saturation by 10% instead.

 D2B315

 D2B315

FFFFFF

 B49800

 FFEA57

 977F00

 FFFF73

 7A6600

 FFFF90

 5E4E00

 FFFFAC

 433800

 FFFFC9

 292300

 FFFFEE

 0D0E00

 000000

 D2B315

 D2B315

 D2B000

 D2B62A

 D2BA3F

 D2BD54

 D2C169

 D2C47E

 D2C893

 D2CBA8

 D2CFBD

 D2D2D2

Harmonies

Analogous

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



FF993A



D2B315



8EC537

Triad

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



D2B315



00D3FA



FF83F5

Complementary

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



D2B315



1534D2

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.



BBA1FF



D2B315



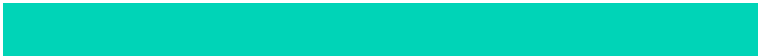
00CCFF

Square

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



D2B315



00D4B7



00BBFF



FF73B3

Rectangle

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



D2B315



4ECD5D



00BBFF



F48DFF

Sweetspot

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



D2B315



FFF4BA



D21535



807957



000000



808080

Same Dimension

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



D2B315



FFD500



93D215



69675E



A88D00



292200

Inverse Universe

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



1534D2



002AFF



5415D2



5E6069



001CA8



000729

Previews

White Background



This preview shows how the Hex color D2B315 looks on a white background.

Color Contrast Check

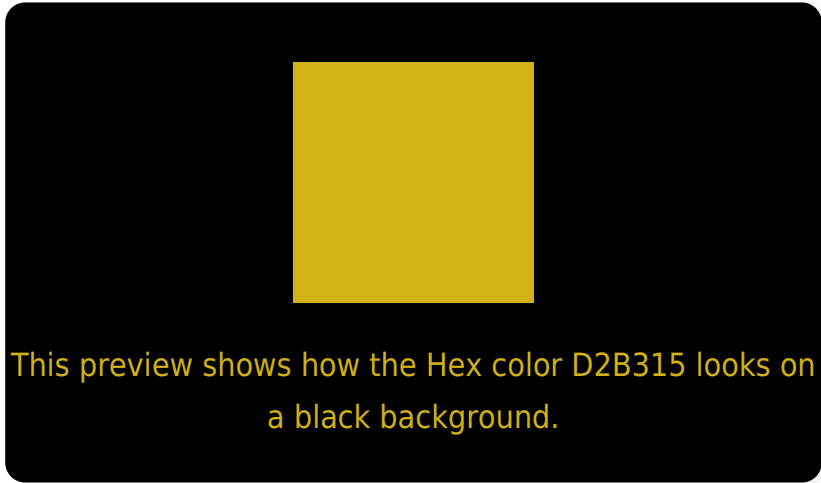
Large Text (above 18pt) WCAG AA × Fail

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 D2B315 Background



This preview shows how black text looks on a background with the Hex color D2B315.



This preview shows how white text looks on a background with the Hex color D2B315.

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
D2B315

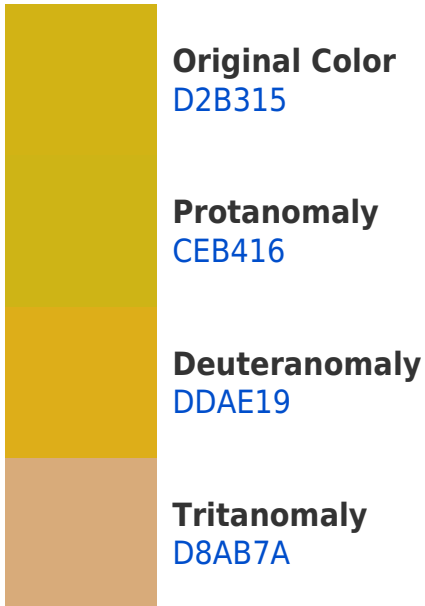
Protanopia
CCB516

Deuteranopia
E4AB1C

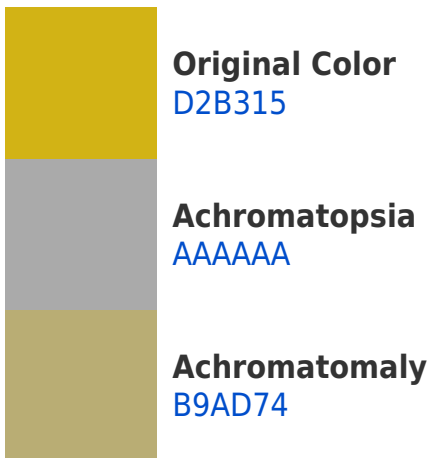


Tritanopia
DCA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2B315 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 #D2B315 looks like.

```
.text, #text, p{  
    color:#D2B315  
}
```

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 #D2B315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2B315
}
```

Border

The CSS property to change the border of an element to Hex D2B315 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
#D2B315 }
```

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

```
.border{ border-color:#D2B315 }
```

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

Here you see how a box with a 4 pixel #D2B315 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2B315; -webkit-box-shadow:4px 4px  
4px 4px #D2B315; box-shadow:4px 4px 4px  
4px #D2B315 }
```

Background

The CSS property to change the background color of an element to Hex D2B315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2B315 }
```

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

```
.background{ background-color:#D2B315 }
```

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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