

Converting Colors

Hex(D2B414)

Have a look what the booklet for
Hex(D2B414) contains.

Hex(D2B414)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D2B414)

Conversions

Conversions Part 1

Format	Color
Hex	D2B414
RGB	210, 180, 20
RGB Percent	82%, 71%, 8%
CMY	0.1765, 0.2941, 0.9216
CMYK	0.00, 0.14, 0.90, 0.18
HSL	51°, 83%, 45%
HSV	51°, 90%, 82%
XYZ	43.0259, 46.3947, 7.3492
YIQ	170.7300, 69.2400, -43.4000

Conversions

Conversions Part 2

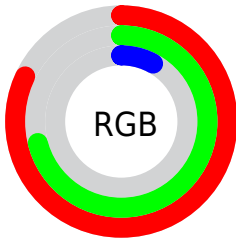
Format	Color
RYB	56, 210, 20
Decimal	13808660
CIELab	73.80, -3.16, 73.40
CIELCh	74, 73.466, 92.464
Yxy	46.3947, 0.4446, 0.4794
Android (android.graphics.Color)	4291998740 (0xFFD2B414)
YUV	170.7300, -74.3099, 34.4398
Hunter-Lab	68.1136, -6.4444, 41.2824

Details

The Hex color **D2B414** 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 **1432D2**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFEB57**, and **978000** is the 20% darker color. If you saturate the color by 10%, you get **D2B100**, and if you desaturate by 10%, it is **D2B729**.

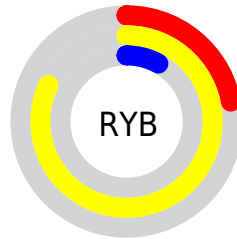
Distribution



Red (82%)

Green (71%)

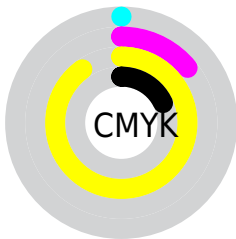
Blue (8%)



Red (22%)

Yellow (82%)

Blue (8%)

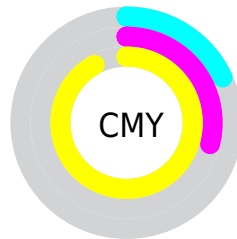


Cyan (0%)

Magenta (14%)

Yellow (90%)

Black (18%)



Cyan (18%)

Magenta (29%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2B414 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 D2B414 by changing the saturation by 10% instead.

 D2B414

 D2B414

FFFFFF

 B49900

 FFE857

 978000

 FFFF73

 7A6700

 FFFF8F

 5E4F00

 FFFFAC

 433900

 FFFFC9

 292400

 FFFFEE

 0D0F00

 000000

 D2B414

 D2B414

 D2B100

 D2B729

 D2BB3E

 D2BE53

 D2C168

 D2C57D

 D2C892

 D2CBA7

 D2CFBC

 D2D2D1

Harmonies

Analogous

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



FF9A39



D2B414



8DC637

Triad

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



D2B414



00D4FC



FF83F5

Complementary

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



D2B414



1432D2

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.



BDA1FF



D2B414



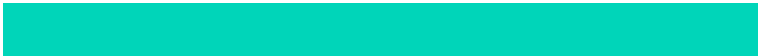
00CCFF

Square

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



D2B414



00D5B9



00BBFF



FF73B3

Rectangle

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



D2B414



4CCE5E



00BBFF



F68DFF

Sweetspot

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



D2B414



FFF4BA



D21434



807957



000000



808080

Same Dimension

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



D2B414



FFD700



93D214



69675E



A88E00



292200

Inverse Universe

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



1432D2



0028FF



5314D2



5E6069



001BA8



000629

Previews

White Background



This preview shows how the Hex color D2B414 looks on a white background.

Color Contrast Check

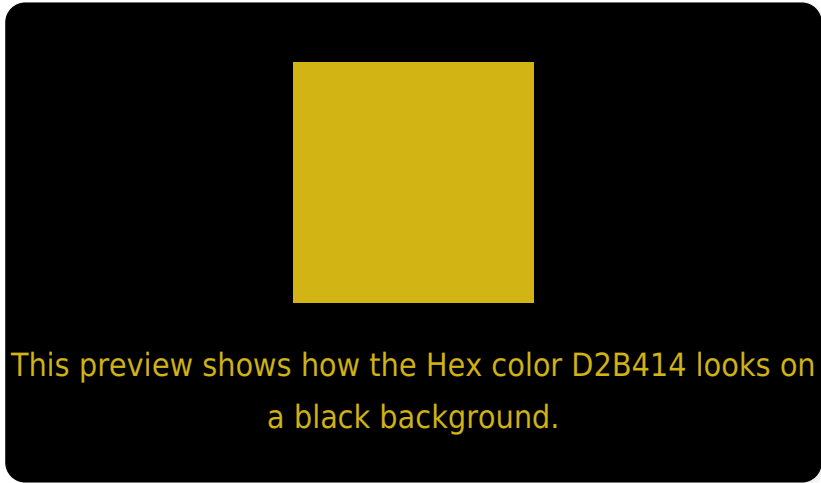
Large Text (above 18pt) WCAG AA × Fail

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 D2B414 Background



This preview shows how black text looks on a background with the Hex color D2B414.

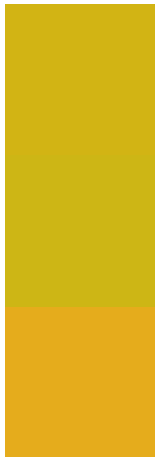


This preview shows how white text looks on a background with the Hex color D2B414.

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
D2B414

Protanopia
CDB615

Deuteranopia
E5AC1C

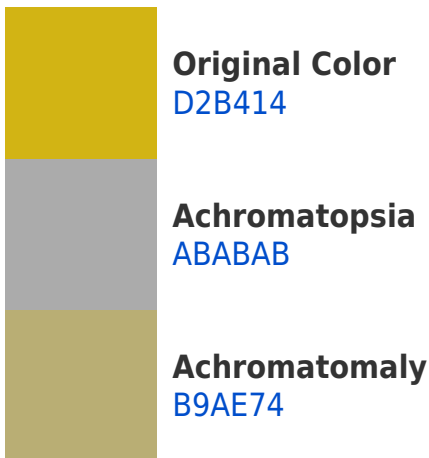


Tritanopia
DCA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2B414 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 #D2B414 looks like.

```
.text, #text, p{  
    color:#D2B414  
}
```

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 #D2B414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2B414
}
```

Border

The CSS property to change the border of an element to Hex D2B414 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
#D2B414 }
```

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

```
.border{ border-color:#D2B414 }
```

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

Here you see how a box with a 4 pixel #D2B414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2B414; -webkit-box-shadow:4px 4px  
4px 4px #D2B414; box-shadow:4px 4px 4px  
4px #D2B414 }
```

Background

The CSS property to change the background color of an element to Hex D2B414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2B414 }
```

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

```
.background{ background-color:#D2B414 }
```

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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