

# Converting Colors

Hex(D2B568)

Have a look what the booklet for  
Hex(D2B568) contains.

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# **Color**

**Hex(D2B568)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2B568
RGB	210, 181, 104
RGB Percent	82%, 71%, 41%
CMY	0.1765, 0.2902, 0.5922
CMYK	0.00, 0.14, 0.50, 0.18
HSL	44°, 54%, 62%
HSV	44°, 50%, 82%
XYZ	45.6009, 47.7489, 19.9097
YIQ	180.8930, 42.0010, -17.7990

# Conversions

## Conversions Part 2

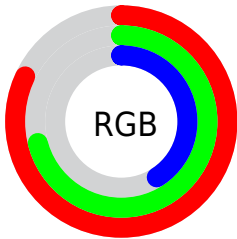
Format	Color
<a href="#">RYB</a>	<a href="#">144, 210, 104</a>
Decimal	<a href="#">13809000</a>
CIELab	<a href="#">74.67, 0.62, 42.80</a>
CIELCh	<a href="#">75, 42.808, 89.167</a>
Yxy	<a href="#">47.7489, 0.4026, 0.4216</a>
Android (android.graphics.Color)	<a href="#">4291999080 (0xFFD2B568)</a>
YUV	<a href="#">180.8930, -37.9082, 25.5268</a>
Hunter-Lab	<a href="#">69.1006, -3.1301, 31.2873</a>

# Details

The Hex color **D2B568** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6885D2**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFED9D**, and **998036** is the 20% darker color. If you saturate the color by 10%, you get **D2AF53**, and if you desaturate by 10%, it is **D2BB7D**.

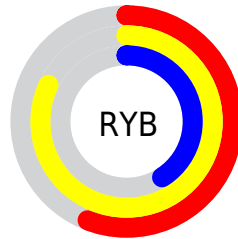
# Distribution



Red (82%)

Green (71%)

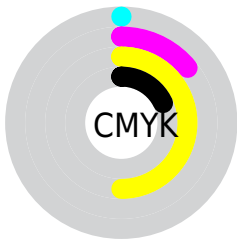
Blue (41%)



Red (56%)

Yellow (82%)

Blue (41%)

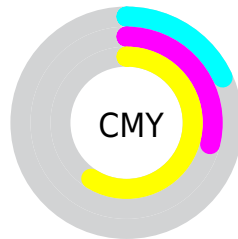


Cyan (0%)

Magenta (14%)

Yellow (50%)

Black (18%)



Cyan (18%)

Magenta (29%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2B568 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 D2B568 by changing the saturation by 10% instead.



 D2B568

 D2B568

FFFFFF

 B59A4F

 FFED9D

 998036

 FFFF88

 7E671D

 FFFF44

 635001

 FFFF11

 4A3900

 302400

 170F00

 000000

 D2B568

 D2B568

 D2AF53

 D2BB7D

 D2AA3E

 D2C092

 D2A429

 D2C6A7

 D29E14

 D2CCBC

 D29900

 D2D2D1

 D2D7E6

 D2DDFB

 D2E3FF

 D2E9FF

# Harmonies

## Analogous

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



F1A775



D2B568



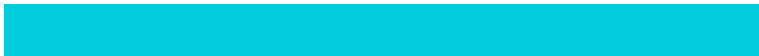
A9C171

# Triad

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



D2B568



00CCDD



E8A0E1

# Complementary

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



D2B568



6885D2

# 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.



BAAEFC



D2B568



20C6FA

# Square

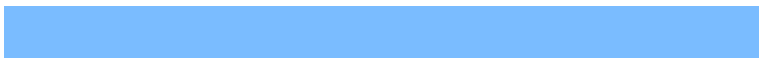
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D2B568



3ECCB5



7ABCFF



FF99BA

# Rectangle

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



D2B568



8BC783



7ABCFF



DBA4EC



# Sweetspot

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



D2B568



FFF5D9



D26886



807969



000000



808080



# Same Dimension

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



D2B568



FFD463



BBD268



69665E



A87A00



291E00



# Inverse Universe

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



6885D2



638EFF



7F68D2



5E6169



002EA8



000B29



# Previews

## White Background



This preview shows how the Hex color D2B568 looks on a white background.

## Color Contrast Check

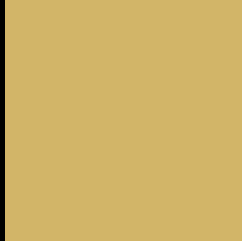
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D2B568 looks on a 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 D2B568 Background



This preview shows how black text looks on a background with the Hex color D2B568.



This preview shows how white text looks on a background with the Hex color D2B568.

# 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

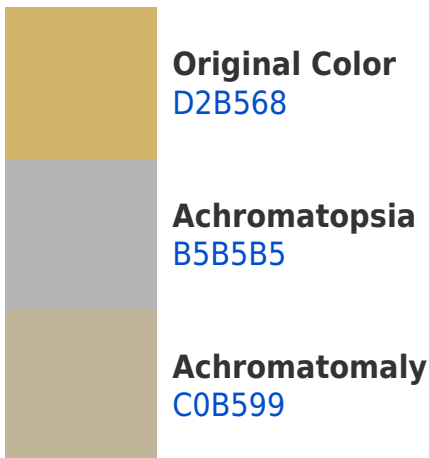




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2B568 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 #D2B568 looks like.

```
.text, #text, p{  
    color:#D2B568  
}
```

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 #D2B568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2B568
}
```

## Border

The CSS property to change the border of an element to Hex D2B568 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
#D2B568 }
```

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

```
.border{ border-color:#D2B568 }
```

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

Here you see how a box with a 4 pixel #D2B568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2B568; -webkit-box-shadow:4px 4px  
4px 4px #D2B568; box-shadow:4px 4px 4px  
4px #D2B568 }
```

# Background

The CSS property to change the background color of an element to Hex D2B568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2B568 }
```

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

```
.background{ background-color:#D2B568 }
```

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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