

# Converting Colors

Hex(D6B368)

Have a look what the booklet for  
Hex(D6B368) contains.

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# **Color**

**Hex(D6B368)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6B368
RGB	214, 179, 104
RGB Percent	84%, 70%, 41%
CMY	0.1608, 0.2980, 0.5922
CMYK	0.00, 0.16, 0.51, 0.16
HSL	41°, 57%, 62%
HSV	41°, 51%, 84%
XYZ	46.3503, 47.5358, 19.8291
YIQ	180.9150, 44.9350, -15.9050

# Conversions

## Conversions Part 2

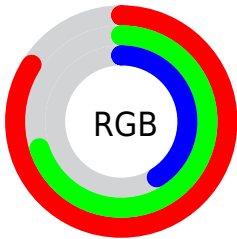
Format	Color
<a href="#">RYB</a>	<a href="#">155, 214, 104</a>
Decimal	<a href="#">14070632</a>
CIELab	<a href="#">74.53, 3.34, 42.72</a>
CIELCh	<a href="#">75, 42.854, 85.534</a>
Yxy	<a href="#">47.5358, 0.4076, 0.4180</a>
Android (android.graphics.Color)	<a href="#">4292260712 (0xFFD6B368)</a>
YUV	<a href="#">180.9150, -37.9191, 29.0155</a>
Hunter-Lab	<a href="#">68.9462, -0.6560, 31.2104</a>

# Details

The Hex color **D6B368** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **688BD6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFEB9D**, and **9D7F36** is the 20% darker color. If you saturate the color by 10%, you get **D6AC53**, and if you desaturate by 10%, it is **D6BA7D**.

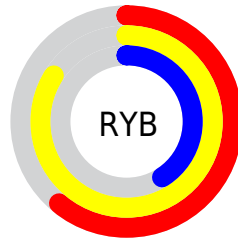
# Distribution



Red (84%)

Green (70%)

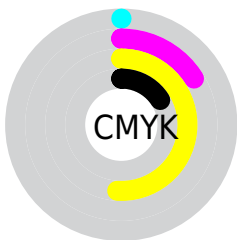
Blue (41%)



Red (61%)

Yellow (84%)

Blue (41%)

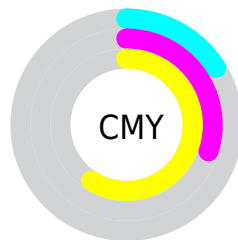


Cyan (0%)

Magenta (16%)

Yellow (51%)

Black (16%)



Cyan (16%)

Magenta (30%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6B368 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 D6B368 by changing the saturation by 10% instead.



 D6B368

 D6B368

FFFFFF

 B9984F

 FFE89D

 9D7F36

 FFFF88

 81661D

 FFFF66

 664E01

 FFFF33

 4D3700

 332200

 1A0D00

 000000

 D6B368

 D6B368

 D6AC53

 D6BA7D

 D6A53D

 D6C193

 D69F28

 D6C7A8

 D69812

 D6CEBE

 D69200

 D6D5D3

 D6DCE8

 D6E3FE

 D6E9FF

 D6F0FF

# Harmonies

## Analogous

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



F4A578



D6B368



AEBF6F

# Triad

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



D6B368



00CCD8



E3A1E4

# Complementary

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



D6B368



688BD6

# 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.



B3AFFE



D6B368



04C7F7

# Square

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



D6B368



46CCB0



70BDFE



FE99BF

# Rectangle

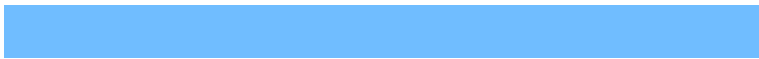
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6B368



90C57F



70BDFF



D5A6EF

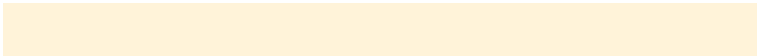


# Sweetspot

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



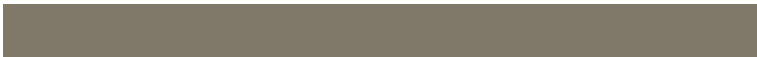
D6B368



FFF3D9



D6688D



807869



000000



808080



# Same Dimension

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



D6B368



FFCD61



C4D668



6B6860



AB7400



2B1E00



# Inverse Universe

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



688BD6



6193FF



7A68D6



60646B



0036AB



000E2B



# Previews

## White Background



This preview shows how the Hex color D6B368 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 D6B368 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 D6B368 Background



This preview shows how black text looks on a background with the Hex color D6B368.

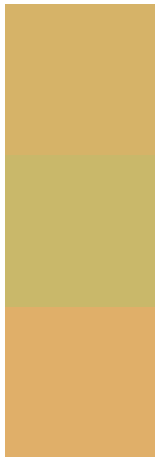


This preview shows how white text looks on a background with the Hex color D6B368.

# 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**  
D6B368

**Protanopia**  
C9B86A

**Deuteranopia**  
E0AF69

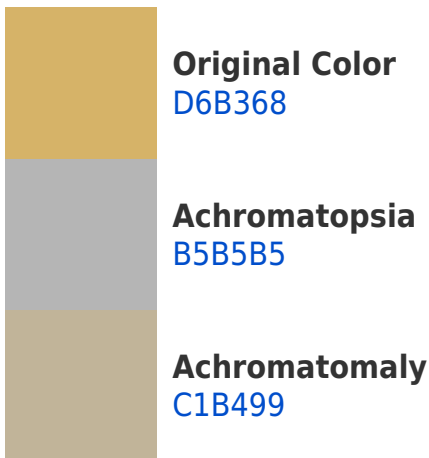


**Tritanopia**  
DDAAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6B368 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 #D6B368 looks like.

```
.text, #text, p{  
    color:#D6B368  
}
```

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 #D6B368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6B368
}
```

## Border

The CSS property to change the border of an element to Hex D6B368 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
#D6B368 }
```

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

```
.border{ border-color:#D6B368 }
```

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

Here you see how a box with a 4 pixel #D6B368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6B368; -webkit-box-shadow:4px 4px  
4px 4px #D6B368; box-shadow:4px 4px 4px  
4px #D6B368 }
```

# Background

The CSS property to change the background color of an element to Hex D6B368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6B368 }
```

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

```
.background{ background-color:#D6B368 }
```

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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