

# Converting Colors

Hex(D0C266)

Have a look what the booklet for  
Hex(D0C266) contains.

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# **Color**

**Hex(D0C266)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0C266
RGB	208, 194, 102
RGB Percent	82%, 76%, 40%
CMY	0.1843, 0.2392, 0.6000
CMYK	0.00, 0.07, 0.51, 0.18
HSL	52°, 53%, 61%
HSV	52°, 51%, 82%
XYZ	47.7025, 52.9528, 20.2771
YIQ	187.6980, 37.8760, -25.6440

# Conversions

## Conversions Part 2

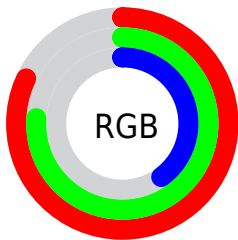
Format	Color
<a href="#">RYB</a>	<a href="#">118, 208, 102</a>
Decimal	<a href="#">13681254</a>
<a href="#">CIELab</a>	<a href="#">77.85, -7.17, 47.59</a>
<a href="#">CIELCh</a>	<a href="#">78, 48.130, 98.562</a>
<a href="#">Yxy</a>	<a href="#">52.9528, 0.3945, 0.4379</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291871334 (0xFFD0C266)</a>
<a href="#">YUV</a>	<a href="#">187.6980, -42.2491, 17.8049</a>
<a href="#">Hunter-Lab</a>	<a href="#">72.7687, -10.3320, 34.4168</a>

# Details

The Hex color **D0C266** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6674D0**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFA9B**, and **978D33** is the 20% darker color. If you saturate the color by 10%, you get **D0BF51**, and if you desaturate by 10%, it is **D0C57B**.

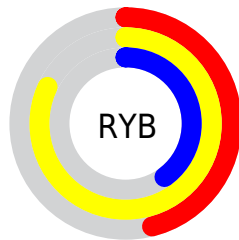
# Distribution



Red (82%)

Green (76%)

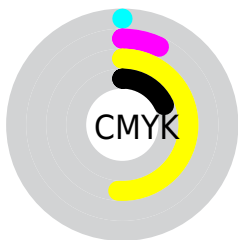
Blue (40%)



Red (46%)

Yellow (82%)

Blue (40%)

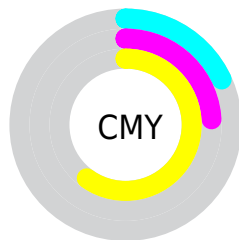


Cyan (0%)

Magenta (7%)

Yellow (51%)

Black (18%)



Cyan (18%)

Magenta (24%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0C266 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 D0C266 by changing the saturation by 10% instead.



 D0C266

 D0C266

FFFFFF

 B3A74C


 FFFA9B

 978D33

 FFFFB7

 7C7318

 FFFFDD

 615B00

 FFFFEE

 484400

 2E2E00

 151900

 000000

 D0C266

 D0C266

 D0BF51

 D0C57B

 D0BD3C

 D0C790

 D0BA28

 D0CAA4

 D0B713

 D0CDB9

 D0B500

 D0D0CE

 D0D2E3

 D0D5F8

 D0D8FF

 D0DBFF

# Harmonies

## Analogous

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



F7B36D



D0C266



A0CE79

# Triad

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



D0C266



00D6F7



FFA1E2

# Complementary

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



D0C266



6674D0

# 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.



D6B0FF



D0C266



21CEFF

# Square

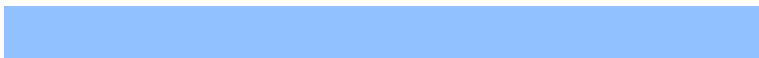
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D0C266



00D8CC



91C1FF



FF9CB5

# Rectangle

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



D0C266



7AD390



91C1FF



F6A5F0



# Sweetspot

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



D0C266



FFFAD9



D06674



807C69



000000



808080



# Same Dimension

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



D0C266



FFEA63



A9D066



69675E



A89200



292300



# Inverse Universe

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



6674D0



6378FF



8D66D0



5E5F69



0016A8



000529



# Previews

## White Background



This preview shows how the Hex color D0C266 looks on a white background.

## Color Contrast Check

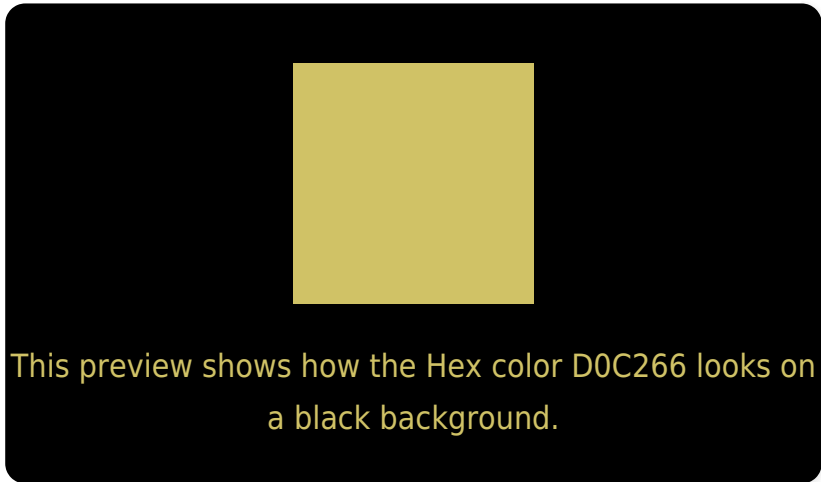
Large Text (above 18pt) WCAG AA × Fail

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 D0C266 Background



This preview shows how black text looks on a background with the Hex color D0C266.



This preview shows how white text looks on a background with the Hex color D0C266.

# 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**  
D0C266

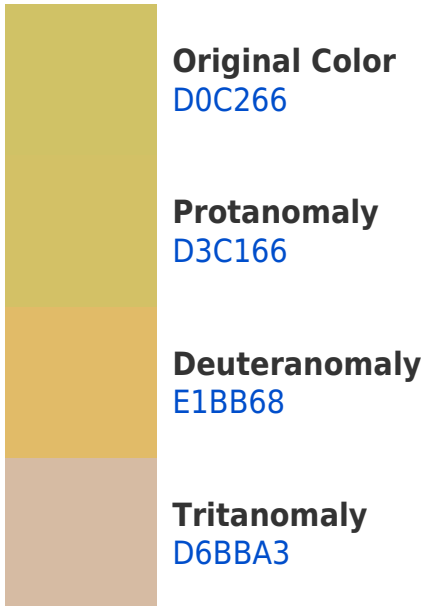
**Protanopia**  
D4C166

**Deuteranopia**  
EBB769



**Tritanopia**  
D9B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0C266 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 #D0C266 looks like.

```
.text, #text, p{  
    color:#D0C266  
}
```

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 #D0C266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0C266  
}
```

## Border

The CSS property to change the border of an element to Hex D0C266 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  
#D0C266 }
```

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

```
.border{ border-color:#D0C266 }
```

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

Here you see how a box with a 4 pixel #D0C266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0C266; -webkit-box-shadow:4px 4px  
4px 4px #D0C266; box-shadow:4px 4px 4px  
4px #D0C266 }
```

# Background

The CSS property to change the background color of an element to Hex D0C266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0C266 }
```

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

```
.background{ background-color:#D0C266 }
```

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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