

# Converting Colors

Hex(D0C453)

Have a look what the booklet for  
Hex(D0C453) contains.

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**Color**

**Hex(D0C453)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0C453
RGB	208, 196, 83
RGB Percent	82%, 77%, 33%
CMY	0.1843, 0.2314, 0.6745
CMYK	0.00, 0.06, 0.60, 0.18
HSL	54°, 57%, 57%
HSV	54°, 60%, 82%
XYZ	47.3137, 53.5143, 16.0192
YIQ	186.7060, 43.4250, -32.5990

# Conversions

## Conversions Part 2

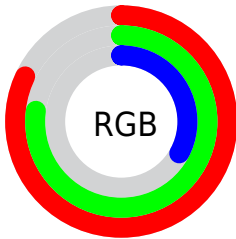
Format	Color
<a href="#">RYB</a>	<a href="#">96, 208, 83</a>
Decimal	<a href="#">13681747</a>
CIELab	<a href="#">78.18, -9.67, 56.79</a>
CIELCh	<a href="#">78, 57.611, 99.666</a>
Yxy	<a href="#">53.5143, 0.4049, 0.4580</a>
Android (android.graphics.Color)	<a href="#">4291871827 (0xFFD0C453)</a>
YUV	<a href="#">186.7060, -51.1271, 18.6748</a>
Hunter-Lab	<a href="#">73.1535, -12.5696, 38.2240</a>

# Details

The Hex color **D0C453** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **535FD0**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFFC89**, and **978F1B** is the 20% darker color. If you saturate the color by 10%, you get **D0C23E**, and if you desaturate by 10%, it is **D0C668**.

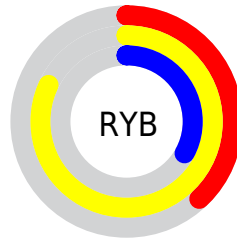
# Distribution



Red (82%)

Green (77%)

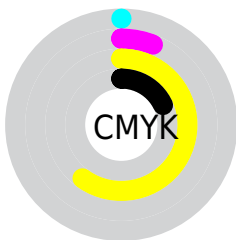
Blue (33%)



Red (38%)

Yellow (82%)

Blue (33%)

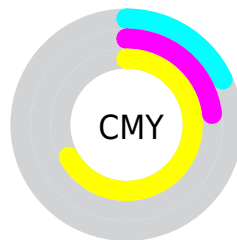


Cyan (0%)

Magenta (6%)

Yellow (60%)

Black (18%)



Cyan (18%)

Magenta (23%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0C453 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 D0C453 by changing the saturation by 10% instead.



 D0C453

 D0C453

FFFFFF

 B3A938

 FFFC89

 978F1B

 FFFFA4

 7B7500

 FFFFC0

 605D00

 FFFFDD

 464500

 FFFFFA

 2C2F00

 131B00

 000000

 D0C453

 D0C453

 D0C23E

 D0C668

 D0C029

 D0C87D

 D0BE15

 D0CA91

 D0BC00

 D0CCA6

 D0CEBB

 D0D0D0

 D0D2E5

 D0D4F9

 D0D6FF

# Harmonies

## Analogous

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



FEB15C



D0C453



96D26C

# Triad

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



D0C453



00DAFF



FF9AE8

# Complementary

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



D0C453



535FD0

# 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.



DCACFF



D0C453



00D1FF

# Square

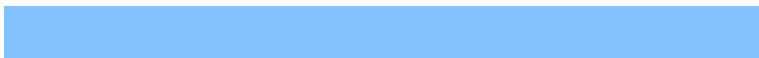
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D0C453



00DCD2



84C1FF



FF94B2

# Rectangle

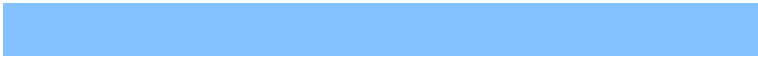
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0C453



65D889



84C1FF



FF9FF8



# Sweetspot

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



D0C453



FFFBD1



D05360



807D63



000000



808080



# Same Dimension

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



D0C453



FFED47



9ED053



69685E



A89800



292500



# Inverse Universe

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



535FD0



4759FF



8553D0



5E5F69



0010A8



000429



# Previews

## White Background



This preview shows how the Hex color D0C453 looks on a white background.

## Color Contrast Check

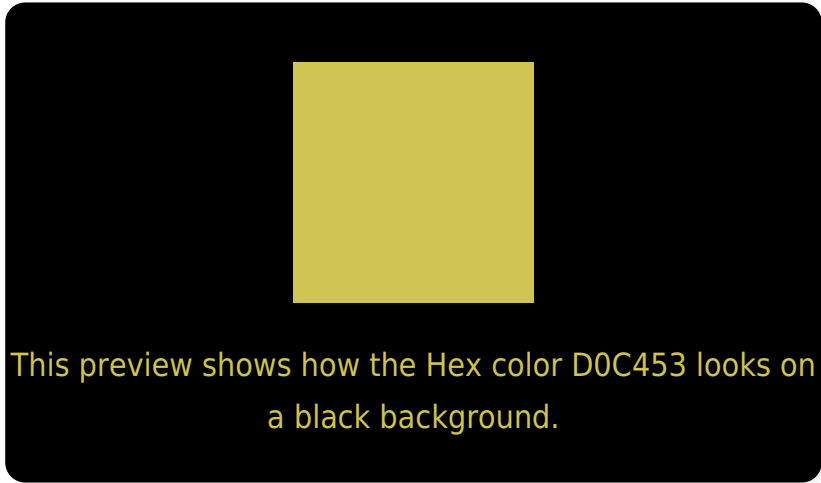
Large Text (above 18pt) WCAG AA × Fail

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

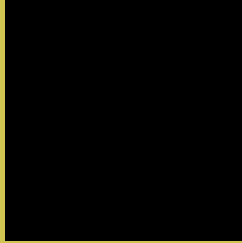
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D0C453 Background



This preview shows how black text looks on a background with the Hex color D0C453.



This preview shows how white text looks on a background with the Hex color D0C453.

# 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**  
D0C453

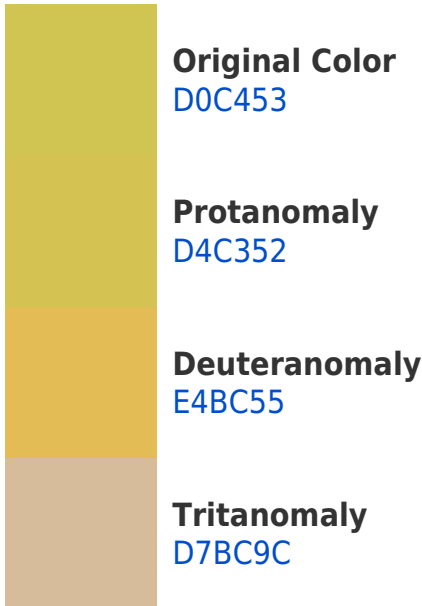
**Protanopia**  
D7C252

**Deuteranopia**  
EFB856



**Tritanopia**  
DBB8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0C453 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 #D0C453 looks like.

```
.text, #text, p{  
    color:#D0C453  
}
```

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 #D0C453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0C453
}
```

## Border

The CSS property to change the border of an element to Hex D0C453 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
#D0C453 }
```

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

```
.border{ border-color:#D0C453 }
```

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

Here you see how a box with a 4 pixel #D0C453 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0C453; -webkit-box-shadow:4px 4px  
4px 4px #D0C453; box-shadow:4px 4px 4px  
4px #D0C453 }
```

# Background

The CSS property to change the background color of an element to Hex D0C453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0C453 }
```

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

```
.background{ background-color:#D0C453 }
```

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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