

# Converting Colors

Hex(D7C155)

Have a look what the booklet for  
Hex(D7C155) contains.

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**Color**

**Hex(D7C155)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7C155
RGB	215, 193, 85
RGB Percent	84%, 76%, 33%
CMY	0.1569, 0.2431, 0.6667
CMYK	0.00, 0.10, 0.60, 0.16
HSL	50°, 62%, 59%
HSV	50°, 60%, 84%
XYZ	48.7340, 53.2429, 16.3027
YIQ	187.2660, 47.7800, -28.9240

# Conversions

## Conversions Part 2

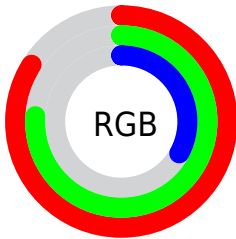
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">111, 215, 85</a>
Decimal	<a href="#">14139733</a>
CIELab	<a href="#">78.02, -5.06, 55.90</a>
CIELCh	<a href="#">78, 56.128, 95.172</a>
Yxy	<a href="#">53.2429, 0.4120, 0.4501</a>
Android (android.graphics.Color)	<a href="#">4292329813 (0xFFD7C155)</a>
YUV	<a href="#">187.2660, -50.4171, 24.3227</a>
Hunter-Lab	<a href="#">72.9677, -8.4762, 37.8306</a>

# Details

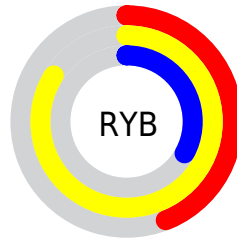
The Hex color **D7C155** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **556BD7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFF98A**, and **9D8C1E** is the 20% darker color. If you saturate the color by 10%, you get **D7BD40**, and if you desaturate by 10%, it is **D7C56B**.

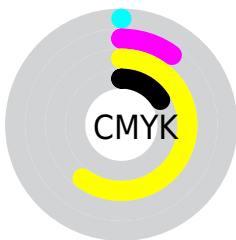
# Distribution



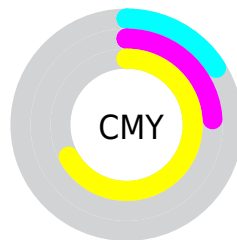
- Red (84%)
- Green (76%)
- Blue (33%)



- Red (44%)
- Yellow (84%)
- Blue (33%)



- Cyan (0%)
- Magenta (10%)
- Yellow (60%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7C155 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 D7C155 by changing the saturation by 10% instead.



 D7C155

 D7C155

FFFFFF

 BAA63B

 FFF98A

 9D8C1E

 FFFFA6

 817200

 FFFFC2

 665A00

 FFFFDE

 4B4300

 FFFFFC

 312D00

 191900

 000000

 D7C155

 D7C155

 D7BD40

 D7C56B

 D7BA2A

 D7C880

 D7B615

 D7CC96

 D7B300

 D7D0AB

 D7D3C1

 D7D7D6

 D7DAEC

 D7DEFF

 D7E2FF

# Harmonies

## Analogous

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



FFAE62



D7C155



A0CF68

# Triad

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



D7C155



00DAFB



FF9DEE

# Complementary

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



D7C155



556BD7

# 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.



D1B0FF



D7C155



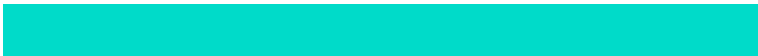
00D2FF

# Square

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



D7C155



00DBC9



76C3FF



FF94BA

# Rectangle

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



D7C155



74D683



76C3FF



F9A2FD



# Sweetspot

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



D7C155



FFF7D1



D7556D



807B63



000000



808080



# Same Dimension

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



D7C155



FFDF45



AED755



6B6960



AB8E00



2B2400



# Inverse Universe

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



556BD7



4564FF



7E55D7



60626B



001DAB

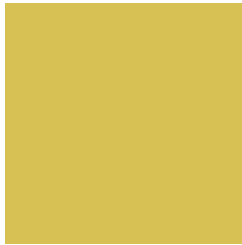


00072B



# Previews

## White Background



This preview shows how the Hex color D7C155 looks on a white background.

## Color Contrast Check

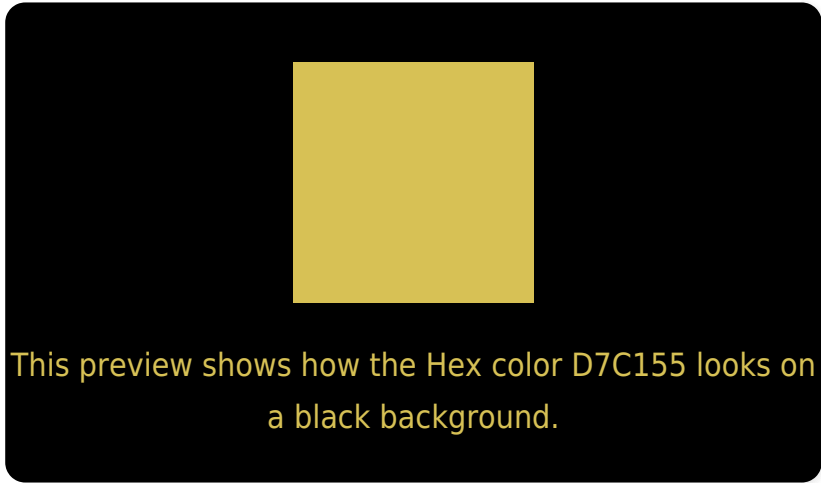
Large Text (above 18pt) WCAG AA × Fail

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 D7C155 Background



This preview shows how black text looks on a background with the Hex color D7C155.



This preview shows how white text looks on a background with the Hex color D7C155.

# 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**  
D7C155

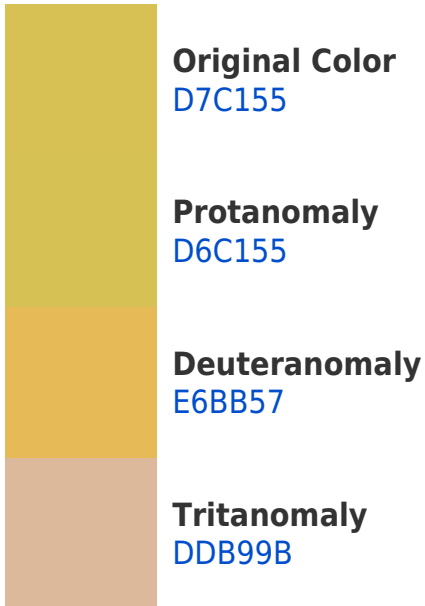
**Protanopia**  
D6C155

**Deuteranopia**  
EFB858



**Tritanopia**  
E1B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7C155 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 #D7C155 looks like.

```
.text, #text, p{  
    color:#D7C155  
}
```

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 #D7C155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7C155
}
```

## Border

The CSS property to change the border of an element to Hex D7C155 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
#D7C155 }
```

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

```
.border{ border-color:#D7C155 }
```

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

Here you see how a box with a 4 pixel #D7C155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7C155; -webkit-box-shadow:4px 4px  
4px 4px #D7C155; box-shadow:4px 4px 4px  
4px #D7C155 }
```

# Background

The CSS property to change the background color of an element to Hex D7C155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7C155 }
```

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

```
.background{ background-color:#D7C155 }
```

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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