

# Converting Colors

Hex(DCA663)

Have a look what the booklet for  
Hex(DCA663) contains.

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# **Color**

**Hex(DCA663)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DCA663
RGB	220, 166, 99
RGB Percent	86%, 65%, 39%
CMY	0.1373, 0.3490, 0.6118
CMYK	0.00, 0.25, 0.55, 0.14
HSL	33°, 63%, 63%
HSV	33°, 55%, 86%
XYZ	45.4035, 43.3889, 17.7863
YIQ	174.5080, 53.6910, -9.3890

# Conversions

## Conversions Part 2

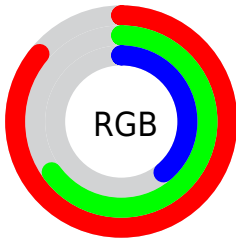
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 220, 99
Decimal	14460515
CIELab	71.82, 12.33, 42.08
CIELCh	72, 43.851, 73.666
Yxy	43.3889, 0.4260, 0.4071
Android (android.graphics.Color)	4292650595 (0xFFDCA663)
YUV	174.5080, -37.2254, 39.8965
Hunter-Lab	65.8703, 7.7648, 30.0997

# Details

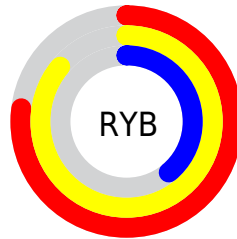
The Hex color **DCA663** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6399DC**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFDD97**, and **A27232** is the 20% darker color. If you saturate the color by 10%, you get **DC9C4D**, and if you desaturate by 10%, it is **DCB079**.

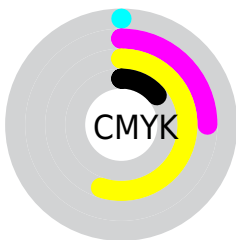
# Distribution



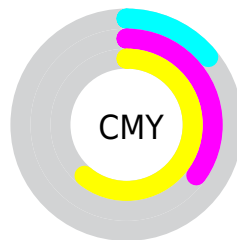
- Red (86%)
- Green (65%)
- Blue (39%)



- Red (77%)
- Yellow (86%)
- Blue (39%)



- Cyan (0%)
- Magenta (25%)
- Yellow (55%)
- Black (14%)



- Cyan (14%)
- Magenta (35%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCA663 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 DCA663 by changing the saturation by 10% instead.



 DCA663

 DCA663

FFFFFF

 BF8C4A

 FFDD97

 A27232

 FFFAB2

 865A19

 FFFFCE

 6A4200

 FFFFEB

 502C00

 351700

 1E0000

 000000

 DCA663

 DCA663

 DC9C4D

 DCB079

 DC9237

 DCBA8F

 DC8921

 DCC3A5

 DC7F0B

 DCCDBB

 DC7A00

 DCD7D1

 DCE1E7

 DCEBFD

 DCF5FF

 DCFEFF

# Harmonies

## Analogous

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



F5987B



DCA663



B7B360

# Triad

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



DCA663



00C5C2



CB9FEA

# Complementary

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



DCA663



6399DC

# 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.



92AEFE



DCA663



00C2E6

# Square

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



DCA663



54C398



40BAFC



F093C8

# Rectangle

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



DCA663



9ABB6C



40BAFC



BAA4F3

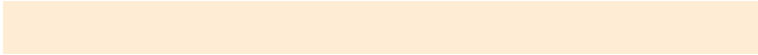


# Sweetspot

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



DCA663



FFECD4



DC6399



807466



000000



808080



# Same Dimension

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



DCA663



FFB457



D6DC63



6E6963



AD6000



2E1900



# Inverse Universe

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



6399DC



57A2FF



6963DC



63686E



004DAD



00142E



# Previews

## White Background



This preview shows how the Hex color DCA663 looks on a white background.

## Color Contrast Check

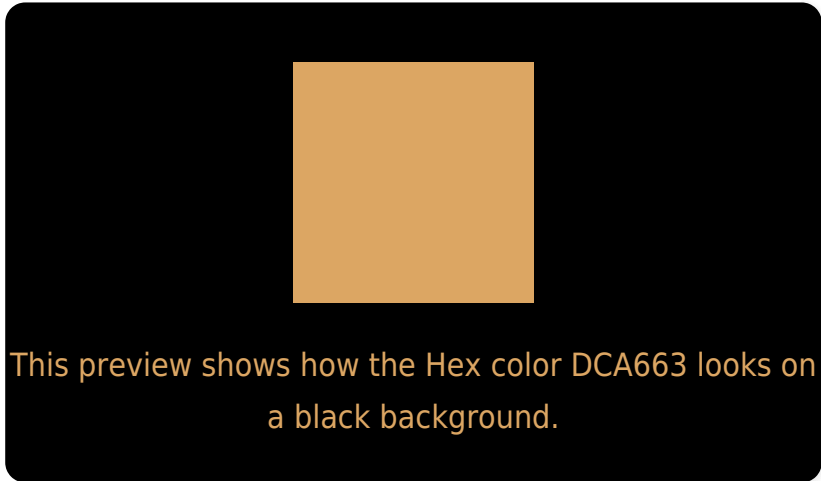
Large Text (above 18pt) WCAG AA × Fail

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

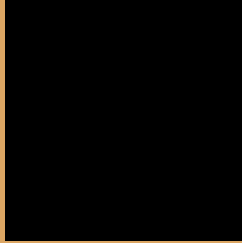
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCA663 Background



This preview shows how black text looks on a background with the Hex color DCA663.



This preview shows how white text looks on a background with the Hex color DCA663.

# 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**  
DCA663

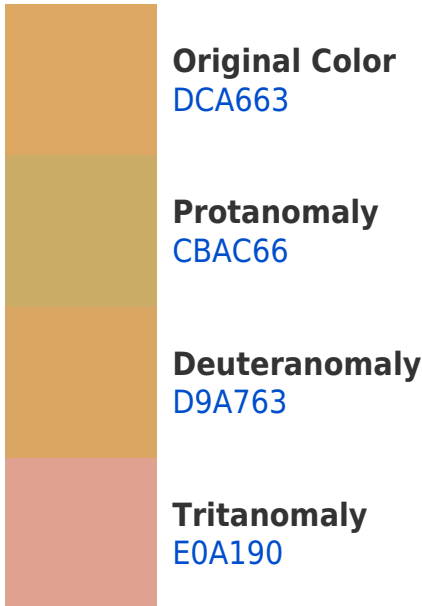
**Protanopia**  
C1B067

**Deuteranopia**  
D7A863

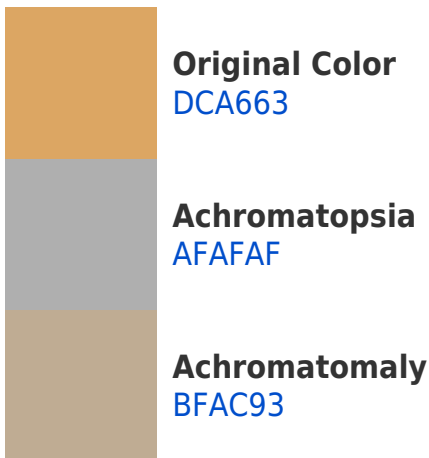


**Tritanopia**  
E29EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCA663 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 #DCA663 looks like.

```
.text, #text, p{  
    color:#DCA663  
}
```

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 #DCA663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCA663  
}
```

## Border

The CSS property to change the border of an element to Hex DCA663 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  
#DCA663 }
```

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

```
.border{ border-color:#DCA663 }
```

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

Here you see how a box with a 4 pixel #DCA663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCA663; -webkit-box-shadow:4px 4px  
4px 4px #DCA663; box-shadow:4px 4px 4px  
4px #DCA663 }
```

# Background

The CSS property to change the background color of an element to Hex DCA663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCA663 }
```

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

```
.background{ background-color:#DCA663 }
```

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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