

Converting Colors

Hex(DCAA41)

Have a look what the booklet for
Hex(DCAA41) contains.

Hex(DCAA41)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DCAA41)

Conversions

Conversions Part 1

Format	Color
Hex	DCAA41
RGB	220, 170, 65
RGB Percent	86%, 67%, 25%
CMY	0.1373, 0.3333, 0.7451
CMYK	0.00, 0.23, 0.70, 0.14
HSL	41°, 69%, 56%
HSV	41°, 70%, 86%
XYZ	44.8441, 44.3467, 11.1973
YIQ	172.9800, 63.5050, -22.0550

Conversions

Conversions Part 2

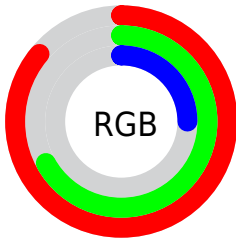
Format	Color
RYB	139, 220, 65
Decimal	14461505
CIELab	72.46, 7.96, 58.81
CIELCh	72, 59.351, 82.297
Yxy	44.3467, 0.4467, 0.4418
Android (android.graphics.Color)	4292651585 (0xFFDCAA41)
YUV	172.9800, -53.2341, 41.2365
Hunter-Lab	66.5934, 3.6638, 36.6461

Details

The Hex color **DCAA41** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4173DC**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFE176**, and **A17600** is the 20% darker color. If you saturate the color by 10%, you get **DCA32B**, and if you desaturate by 10%, it is **DCB157**.

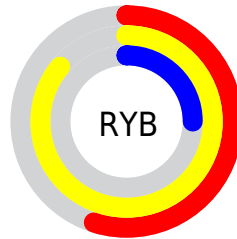
Distribution



Red (86%)

Green (67%)

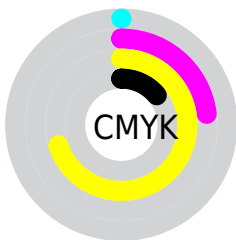
Blue (25%)



Red (55%)

Yellow (86%)

Blue (25%)

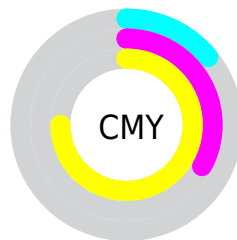


Cyan (0%)

Magenta (23%)

Yellow (70%)

Black (14%)



Cyan (14%)

Magenta (33%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCAA41 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 DCAA41 by changing the saturation by 10% instead.

 DCAA41

 DCAA41

FFFFFF

 BE9025

 FFE176

 A17600

 FFFE91

 845E00

 FFFFAD

 684600

 FFFFFC9

 4C3000

 FFFFFE6

 321B00

 1A0200

 000000

 DCAA41

 DCAA41

 DCA32B

 DCB157

 DC9C15

 DCB86D

 DC9500

 DCBF83

 DCC699

 DCCDAF

 DCD5C5

 DCDCDB

 DCE3F1

 DCEAFF

Harmonies

Analogous

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



FF955D



DCAA41



A8BB47

Triad

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



DCAA41



00CCD9



E793F5

Complementary

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



DCAA41



4173DC

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.



9DA9FF



DCAA41



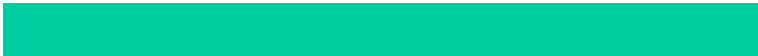
00C7FF

Square

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



DCAA41



00CCA1



00BCFF



FF83C2

Rectangle

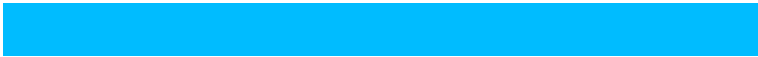
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCAA41



7FC35E



00BCFF



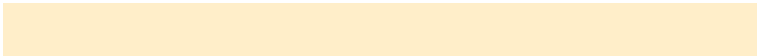
D29AFF

Sweetspot

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



DCAA41



FFEEC9



DC4175



807560



000000



808080

Same Dimension

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



DCAA41



FFB926



C2DC41



6E6A63



AD7500



2E1F00

Inverse Universe

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



4173DC



266CFF



5B41DC



63666E



0038AD



000F2E

Previews

White Background



This preview shows how the Hex color DCAA41 looks on a white background.

Color Contrast Check

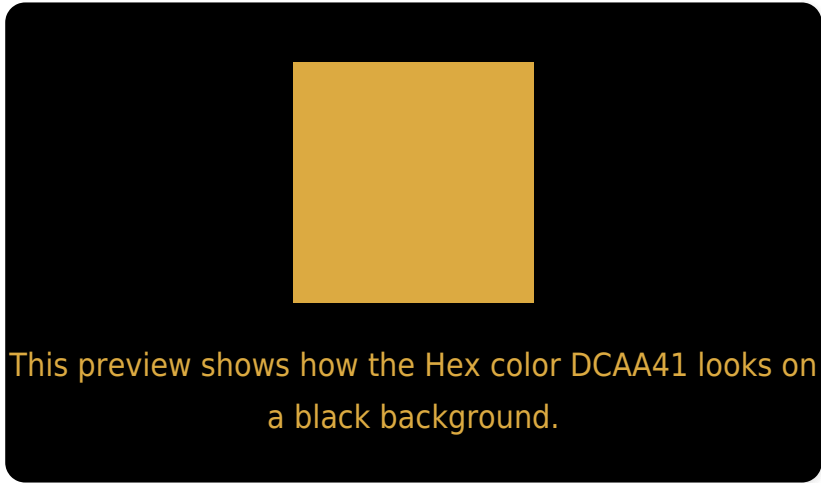
Large Text (above 18pt) WCAG AA × Fail

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 DCAA41 Background



This preview shows how black text looks on a background with the Hex color DCAA41.

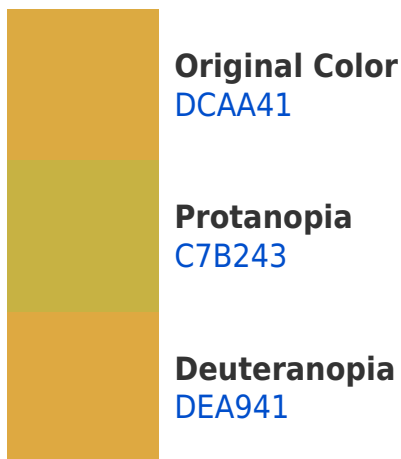


This preview shows how white text looks on a background with the Hex color DCAA41.

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](#).

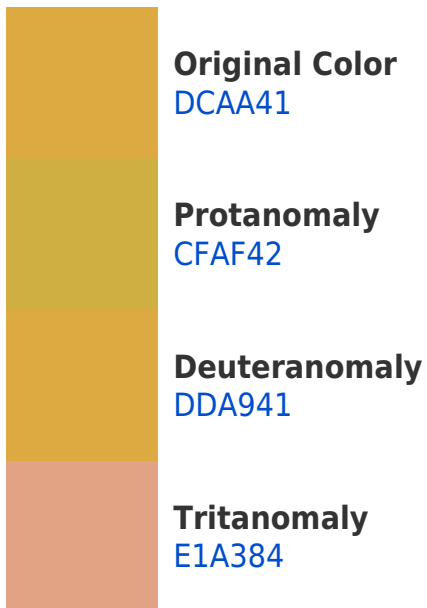
Dichromacy



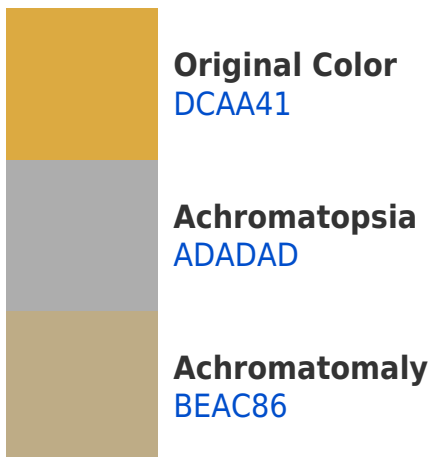


Tritanopia
E49FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCAA41 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 #DCAA41 looks like.

```
.text, #text, p{  
    color:#DCAA41  
}
```

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 #DCAA41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCAA41
}
```

Border

The CSS property to change the border of an element to Hex DCAA41 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
#DCAA41 }
```

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

```
.border{ border-color:#DCAA41 }
```

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

Here you see how a box with a 4 pixel #DCAA41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCAA41; -webkit-box-shadow:4px 4px  
4px 4px #DCAA41; box-shadow:4px 4px 4px  
4px #DCAA41 }
```

Background

The CSS property to change the background color of an element to Hex DCAA41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCAA41 }
```

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

```
.background{ background-color:#DCAA41 }
```

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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