

Converting Colors

Hex(DCAB44)

Have a look what the booklet for
Hex(DCAB44) contains.

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Color

Hex(DCAB44)

Conversions

Conversions Part 1

Format	Color
Hex	DCAB44
RGB	220, 171, 68
RGB Percent	86%, 67%, 27%
CMY	0.1373, 0.3294, 0.7333
CMYK	0.00, 0.22, 0.69, 0.14
HSL	41°, 68%, 56%
HSV	41°, 69%, 86%
XYZ	45.1215, 44.7588, 11.7300
YIQ	173.9090, 62.2670, -21.6450

Conversions

Conversions Part 2

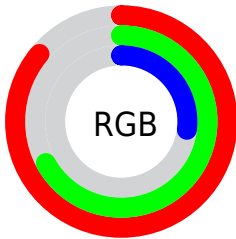
Format	Color
RYB	140, 220, 68
Decimal	14461764
CIELab	72.73, 7.58, 57.82
CIElCh	73, 58.318, 82.532
Yxy	44.7588, 0.4441, 0.4405
Android (android.graphics.Color)	4292651844 (0xFFDCAB44)
YUV	173.9090, -52.2131, 40.4218
Hunter-Lab	66.9020, 3.3092, 36.4360

Details

The Hex color **DCAB44** 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 **4475DC**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE279**, and **A17705** is the 20% darker color. If you saturate the color by 10%, you get **DCA42E**, and if you desaturate by 10%, it is **DCB25A**.

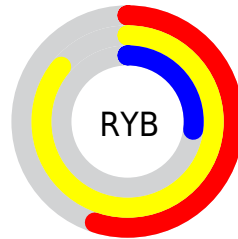
Distribution



Red (86%)

Green (67%)

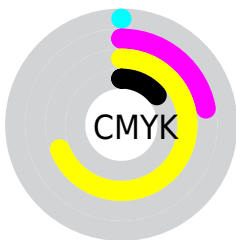
Blue (27%)



Red (55%)

Yellow (86%)

Blue (27%)

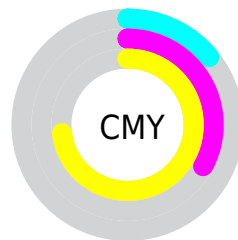


Cyan (0%)

Magenta (22%)

Yellow (69%)

Black (14%)



Cyan (14%)

Magenta (33%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCAB44 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 DCAB44 by changing the saturation by 10% instead.

 DCAB44

 DCAB44

FFFFFF

 BE9129

 FFE279

 A17705

 FFFF94

 845F00

 FFFFB0

 694700

 FFFFCC

 4D3100

 FFFFFE9

 331C00

 1B0400

 000000

 DCAB44

 DCAB44

 DCA42E

 DCB25A

 DC9D18

 DCB970

 DC9602

 DCC086

 DC9500

 DCC79C

 DCCEB2

 DCD6C8

 DCDDDE

 DCE4F4

 DCEBFF

Harmonies

Analogous

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



FF975F



DCAB44



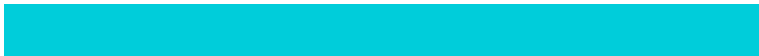
A9BC4A

Triad

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



DCAB44



00CDDA



E794F4

Complementary

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



DCAB44



4475DC

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.



9FAAFF



DCAB44



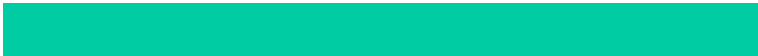
00C8FF

Square

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



DCAB44



00CCA3



00BCFF



FF85C2

Rectangle

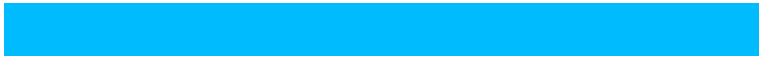
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCAB44



80C460



00BCFF



D39BFF

Sweetspot

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



DCAB44



FFEEC9



DC4477



807560



000000



808080

Same Dimension

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



DCAB44



FFBB2B



C3DC44



6E6A63



AD7600



2E1F00

Inverse Universe

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



4475DC



2B70FF



5D44DC



63666E



0038AD



000F2E

Previews

White Background



This preview shows how the Hex color DCAB44 looks on a white background.

Color Contrast Check

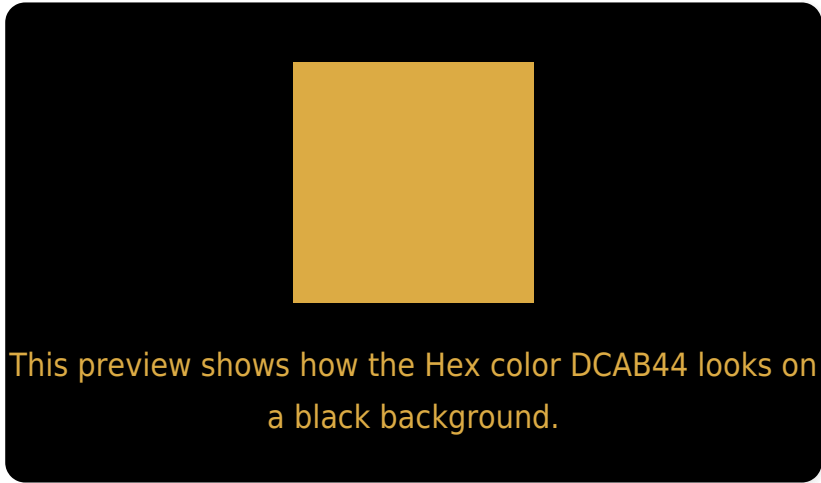
Large Text (above 18pt) WCAG AA × Fail

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 DCAB44 Background



This preview shows how black text looks on a background with the Hex color DCAB44.

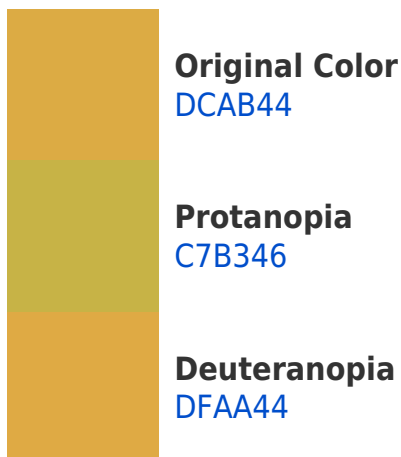


This preview shows how white text looks on a background with the Hex color DCAB44.

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](#).

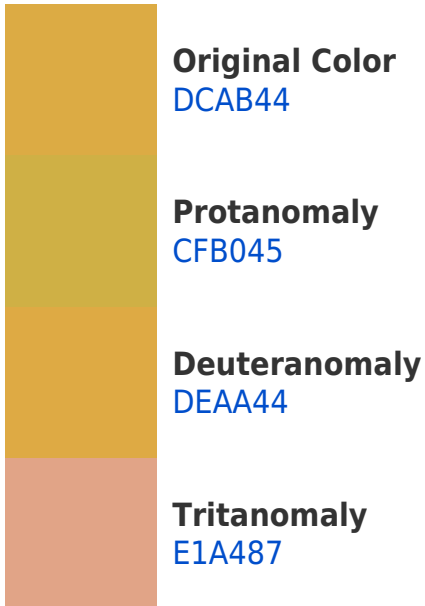
Dichromacy



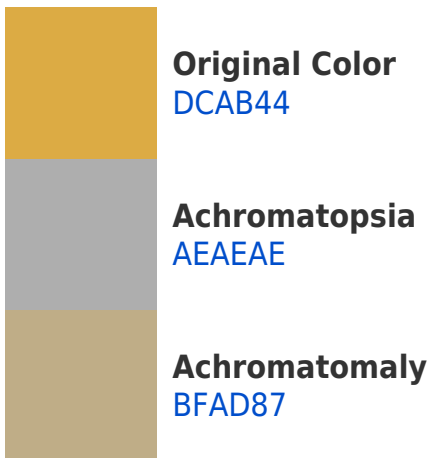


Tritanopia
E4A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCAB44 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 #DCAB44 looks like.

```
.text, #text, p{  
    color:#DCAB44  
}
```

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 #DCAB44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCAB44  
}
```

Border

The CSS property to change the border of an element to Hex DCAB44 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  
#DCAB44 }
```

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

```
.border{ border-color:#DCAB44 }
```

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

Here you see how a box with a 4 pixel #DCAB44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCAB44; -webkit-box-shadow:4px 4px  
4px 4px #DCAB44; box-shadow:4px 4px 4px  
4px #DCAB44 }
```

Background

The CSS property to change the background color of an element to Hex DCAB44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCAB44 }
```

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

```
.background{ background-color:#DCAB44 }
```

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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