

Converting Colors

Hex(DCAE45)

Have a look what the booklet for
Hex(DCAE45) contains.

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Color

Hex(DCAE45)

Conversions

Conversions Part 1

Format	Color
Hex	DCAE45
RGB	220, 174, 69
RGB Percent	86%, 68%, 27%
CMY	0.1373, 0.3176, 0.7294
CMYK	0.00, 0.21, 0.69, 0.14
HSL	42°, 68%, 57%
HSV	42°, 69%, 86%
XYZ	45.7254, 45.9174, 12.0832
YIQ	175.7840, 61.1210, -22.9030

Conversions

Conversions Part 2

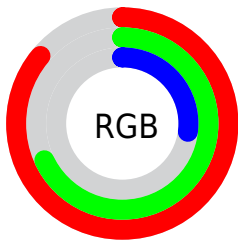
Format	Color
RYB	135, 220, 69
Decimal	14462533
CIELab	73.49, 6.04, 58.19
CIELCh	73, 58.499, 84.074
Yxy	45.9174, 0.4408, 0.4427
Android (android.graphics.Color)	4292652613 (0xFFDCAE45)
YUV	175.7840, -52.6445, 38.7774
Hunter-Lab	67.7624, 1.8659, 36.8613

Details

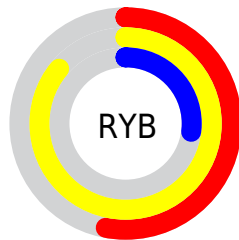
The Hex color **DCAE45** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4573DC**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFE57A**, and **A17A06** is the 20% darker color. If you saturate the color by 10%, you get **DCA72F**, and if you desaturate by 10%, it is **DCB55B**.

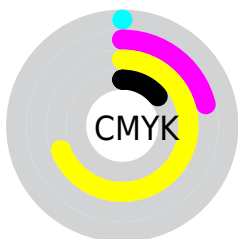
Distribution



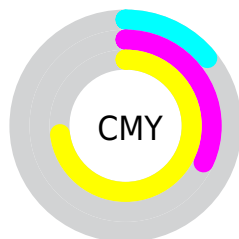
- Red (86%)
- Green (68%)
- Blue (27%)



- Red (53%)
- Yellow (86%)
- Blue (27%)



- Cyan (0%)
- Magenta (21%)
- Yellow (69%)
- Black (14%)



- Cyan (14%)
- Magenta (32%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCAE45 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 DCAE45 by changing the saturation by 10% instead.

 DCAE45

 DCAE45

FFFFFF

 BE942A

 FFE57A

 A17A06

 FFFF95

 846100

 FFFFFB1

 694A00

 FFFFCD

 4D3300

 FFFFEEA

 331F00

 1B0700

 000000

 DCAE45

 DCAE45

 DCA72F

 DCB55B

 DCA119

 DCBB71

 DC9A03

 DCC287

 DC9900

 DCC99D

 DCD0B3

 DCD6C9

 DCDDDF

 DCE4F5

 DCEAFF

Harmonies

Analogous

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



FF9A5F



DCAE45



A8BF4D

Triad

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



DCAE45



00CFDF



EC95F4

Complementary

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



DCAE45



4573DC

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.



A6ABFF



DCAE45



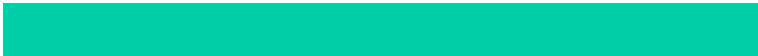
00CAFF

Square

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



DCAE45



00CFA8



00BEFF



FF86C1

Rectangle

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



DCAE45



7EC664



00BEFF



D99CFF

Sweetspot

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



DCAE45



FFEFC9



DC4575



807660



000000



808080

Same Dimension

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



DCAE45



FFBF2E



C0DC45



6E6A63



AD7900



2E2000

Inverse Universe

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



4573DC



2E6EFF



6145DC



63666E



0035AD



000E2E

Previews

White Background



This preview shows how the Hex color DCAE45 looks on a white background.

Color Contrast Check

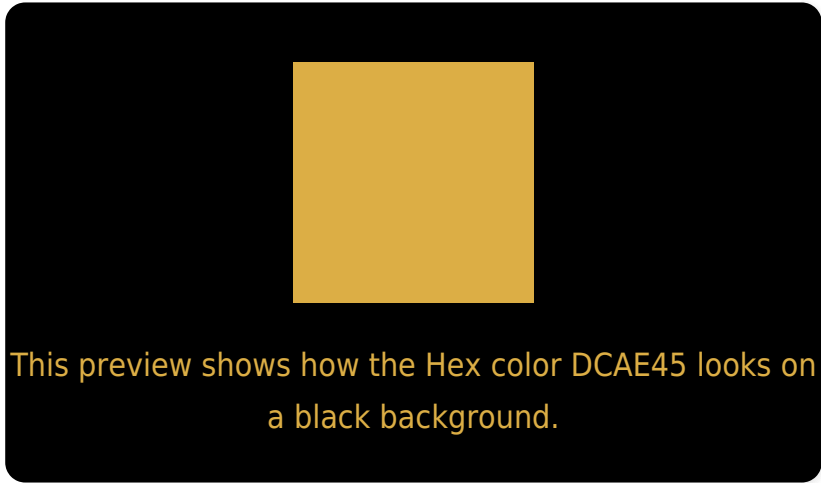
Large Text (above 18pt) WCAG AA × Fail

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 DCAE45 Background



This preview shows how black text looks on a background with the Hex color DCAE45.

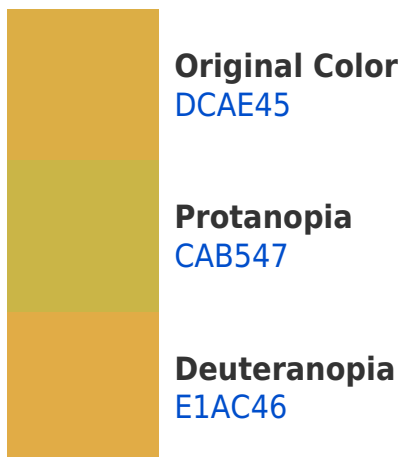


This preview shows how white text looks on a background with the Hex color DCAE45.

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](#).

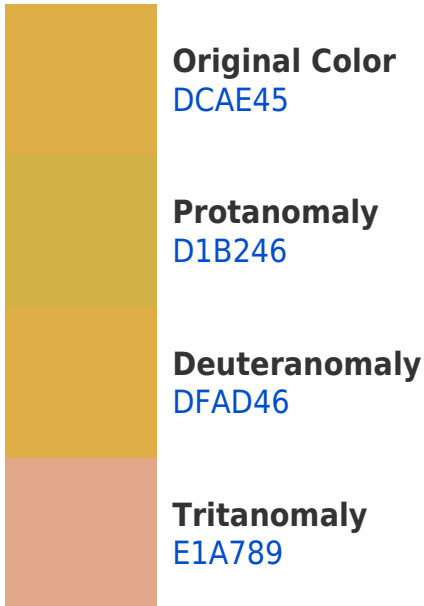
Dichromacy



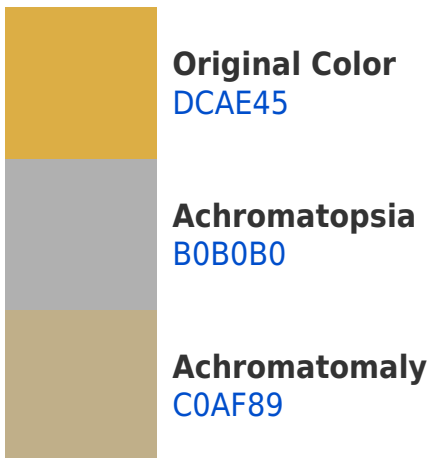


Tritanopia
E4A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCAE45 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 #DCAE45 looks like.

```
.text, #text, p{  
    color:#DCAE45  
}
```

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 #DCAE45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCAE45
}
```

Border

The CSS property to change the border of an element to Hex DCAE45 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
#DCAE45 }
```

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

```
.border{ border-color:#DCAE45 }
```

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

Here you see how a box with a 4 pixel #DCAE45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCAE45; -webkit-box-shadow:4px 4px  
4px 4px #DCAE45; box-shadow:4px 4px 4px  
4px #DCAE45 }
```

Background

The CSS property to change the background color of an element to Hex DCAE45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCAE45 }
```

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

```
.background{ background-color:#DCAE45 }
```

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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