

Converting Colors

Hex(DCAC3E)

Have a look what the booklet for
Hex(DCAC3E) contains.

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Color

Hex(DCAC3E)

Conversions

Conversions Part 1

Format	Color
Hex	DCAC3E
RGB	220, 172, 62
RGB Percent	86%, 67%, 24%
CMY	0.1373, 0.3255, 0.7569
CMYK	0.00, 0.22, 0.72, 0.14
HSL	42°, 69%, 55%
HSV	42°, 72%, 86%
XYZ	45.1372, 45.0685, 10.8775
YIQ	173.8120, 63.9180, -24.0340

Conversions

Conversions Part 2

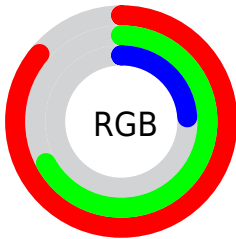
Format	Color
RYB	131, 220, 62
Decimal	14462014
CIELab	72.94, 6.74, 60.54
CIELCh	73, 60.913, 83.643
Yxy	45.0685, 0.4465, 0.4459
Android (android.graphics.Color)	4292652094 (0xFFDCAC3E)
YUV	173.8120, -55.1233, 40.5069
Hunter-Lab	67.1331, 2.5324, 37.3864

Details

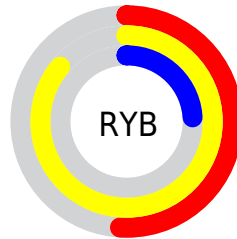
The Hex color **DCAC3E** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3E6EDC**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **FFE374**, and **A17800** is the 20% darker color. If you saturate the color by 10%, you get **DCA528**, and if you desaturate by 10%, it is **DCB354**.

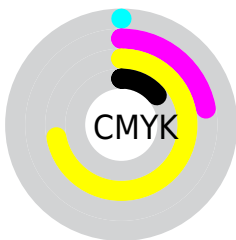
Distribution



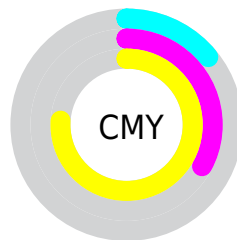
- Red (86%)
- Green (67%)
- Blue (24%)



- Red (51%)
- Yellow (86%)
- Blue (24%)



- Cyan (0%)
- Magenta (22%)
- Yellow (72%)
- Black (14%)



- Cyan (14%)
- Magenta (33%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCAC3E 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 DCAC3E by changing the saturation by 10% instead.

 DCAC3E

 DCAC3E

FFFFFF

 BE9221

 FFE374

 A17800

 FFFF8F

 846000

 FFFFFA

 684800

 FFFFC7

 4C3200

 FFFFE3

 321D00

 1A0500

 000000

 DCAC3E

 DCAC3E

 DCA528

 DCB354

 DC9F12

 DCB96A

 DC9900

 DCC080

 DCC796

 DCCDAC

 DCD4C2

 DCDBD8

 DCE1EE

 DCE8FF

Harmonies

Analogous

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



FF975A



DCAC3E



A6BD46

Triad

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



DCAC3E



00CEDE



EC92F6

Complementary

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



DCAC3E



3E6EDC

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.



A1A9FF



DCAC3E



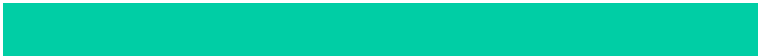
00C9FF

Square

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



DCAC3E



00CEA5



00BDFE



FF82C1

Rectangle

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



DCAC3E



7BC55E



00BDFF



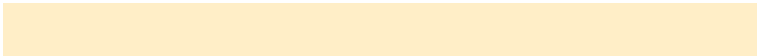
D79AFF

Sweetspot

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



DCAC3E



FFEEC7



DC3E70



80755E



000000



808080

Same Dimension

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



DCAC3E



FFBC24



BFDC3E



6E6A63



AD7900



2E2000

Inverse Universe

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



3E6EDC



2466FF



5B3EDC



63666E



0035AD



000E2E

Previews

White Background



This preview shows how the Hex color DCAC3E looks on a white background.

Color Contrast Check

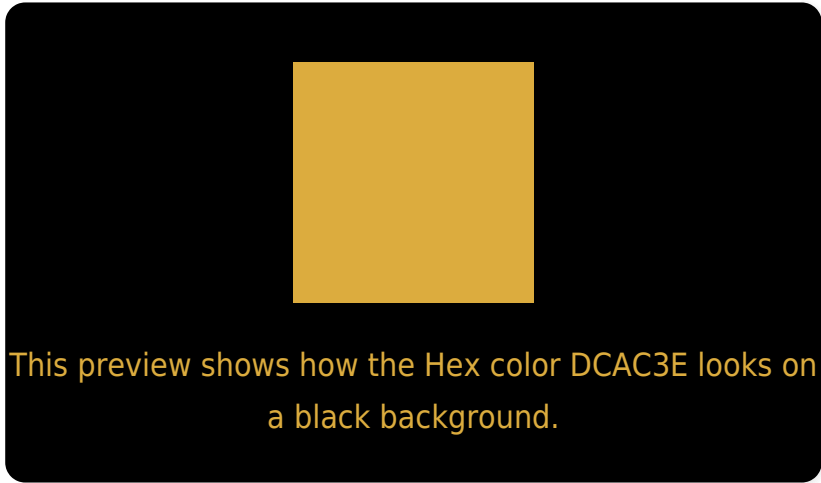
Large Text (above 18pt) WCAG AA × Fail

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 DCAC3E Background



This preview shows how black text looks on a background with the Hex color DCAC3E.

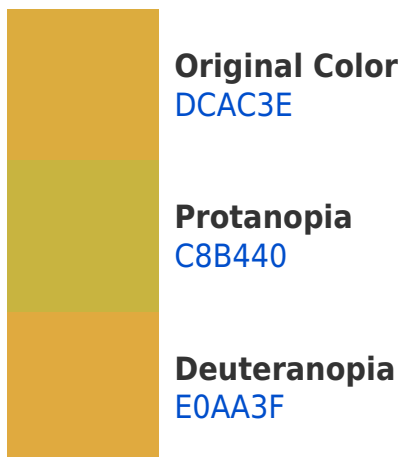


This preview shows how white text looks on a background with the Hex color DCAC3E.

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](#).

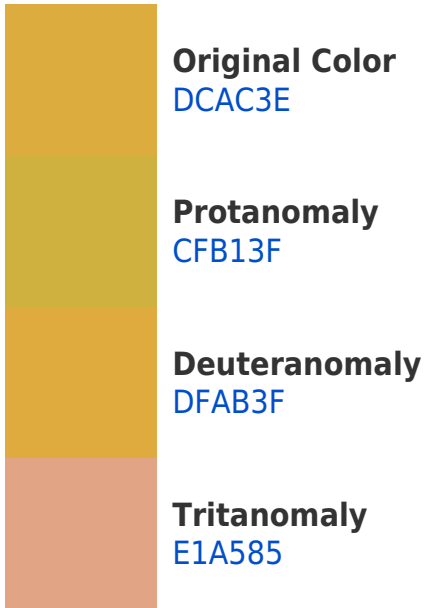
Dichromacy



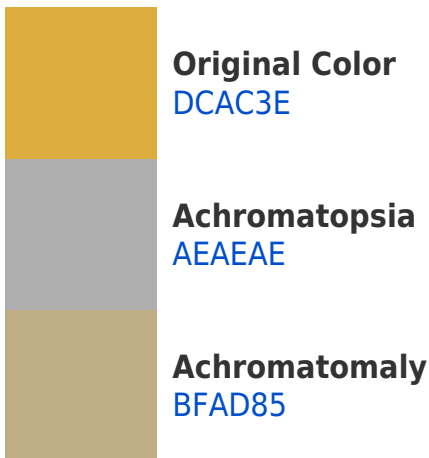


Tritanopia
E4A1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCAC3E 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 #DCAC3E looks like.

```
.text, #text, p{  
    color:#DCAC3E  
}
```

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 #DCAC3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCAC3E
}
```

Border

The CSS property to change the border of an element to Hex DCAC3E 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
#DCAC3E }
```

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

```
.border{ border-color:#DCAC3E }
```

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

Here you see how a box with a 4 pixel #DCAC3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCAC3E; -webkit-box-shadow:4px 4px  
4px 4px #DCAC3E; box-shadow:4px 4px 4px  
4px #DCAC3E }
```

Background

The CSS property to change the background color of an element to Hex DCAC3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCAC3E }
```

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

```
.background{ background-color:#DCAC3E }
```

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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