

Converting Colors

Hex(DCAE15)

Have a look what the booklet for
Hex(DCAE15) contains.

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Color

Hex(DCAE15)

Conversions

Conversions Part 1

Format	Color
Hex	DCAE15
RGB	220, 174, 21
RGB Percent	86%, 68%, 8%
CMY	0.1373, 0.3176, 0.9176
CMYK	0.00, 0.21, 0.90, 0.14
HSL	46°, 83%, 47%
HSV	46°, 90%, 86%
XYZ	44.7866, 45.5419, 7.1394
YIQ	170.3120, 76.5290, -37.8310

Conversions

Conversions Part 2

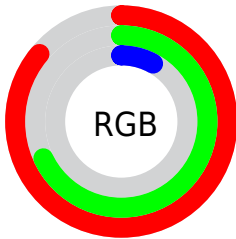
Format	Color
RYB	81, 220, 21
Decimal	14462485
CIELab	73.25, 4.39, 73.23
CIELCh	73, 73.358, 86.566
Yxy	45.5419, 0.4595, 0.4673
Android (android.graphics.Color)	4292652565 (0xFFDCAE15)
YUV	170.3120, -73.6108, 43.5764
Hunter-Lab	67.4847, 0.3642, 40.9668

Details

The Hex color **DCAE15** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1543DC**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFE557**, and **A07A00** is the 20% darker color. If you saturate the color by 10%, you get **DCA900**, and if you desaturate by 10%, it is **DCB32B**.

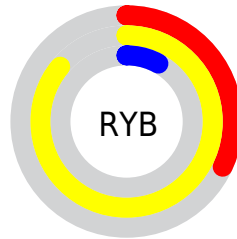
Distribution



Red (86%)

Green (68%)

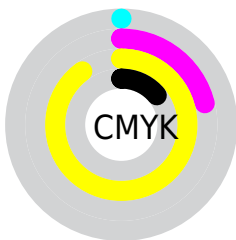
Blue (8%)



Red (32%)

Yellow (86%)

Blue (8%)

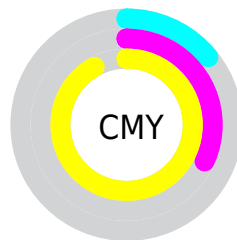


Cyan (0%)

Magenta (21%)

Yellow (90%)

Black (14%)



Cyan (14%)

Magenta (32%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCAE15 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 DCAE15 by changing the saturation by 10% instead.

 DCAE15

 DCAE15

FFFFFF

 BE9400

 FFE557

 A07A00

 FFFF73

 836100

 FFFF8F

 664A00

 FFFFAB

 4A3400

 FFFFC8

 301F00

 FFFFE5

 180800

 000000

 DCAE15

 DCAE15

 DCA900

 DCB32B

 DCB841

 DCBD57

 DCC26D

 DCC783

 DCCD99

 DCD2AF

 DCD7C5

 DCDCDB

Harmonies

Analogous

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



FF9342



DCAE15



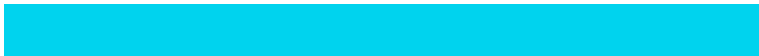
9BC22B

Triad

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



DCAE15



00D3EE



FE87FF

Complementary

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



DCAE15



1543DC

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.



A5A5FF



DCAE15



00CFFF

Square

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



DCAE15



00D3AA



00BEFF



FF72BF

Rectangle

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



DCAE15



62CA51



00BEFF



E691FF

Sweetspot

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



DCAE15



FFEFBA



DC1543



807657



000000



808080

Same Dimension

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



DCAE15



FFC400



A7DC15



6E6B63



AD8500



2E2300

Inverse Universe

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



1543DC



003BFF



4A15DC



63656E



0028AD



000B2E

Previews

White Background



This preview shows how the Hex color DCAE15 looks on a white background.

Color Contrast Check

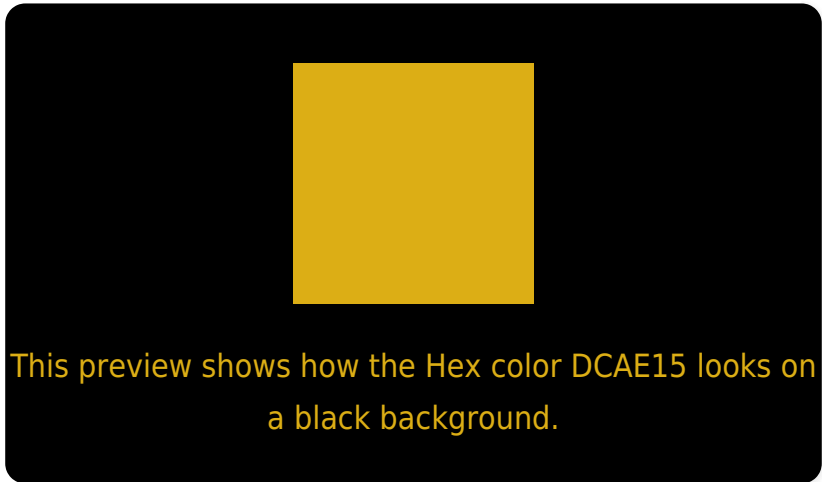
Large Text (above 18pt) WCAG AA × Fail

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 DCAE15 Background



This preview shows how black text looks on a background with the Hex color DCAE15.

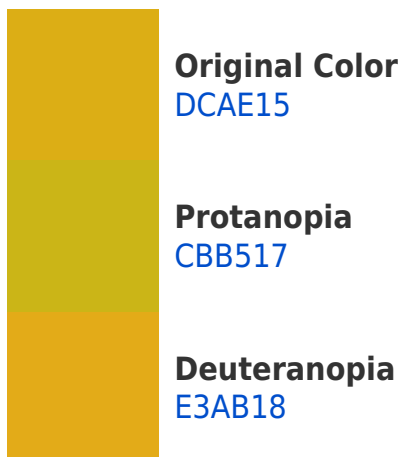


This preview shows how white text looks on a background with the Hex color DCAE15.

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](#).

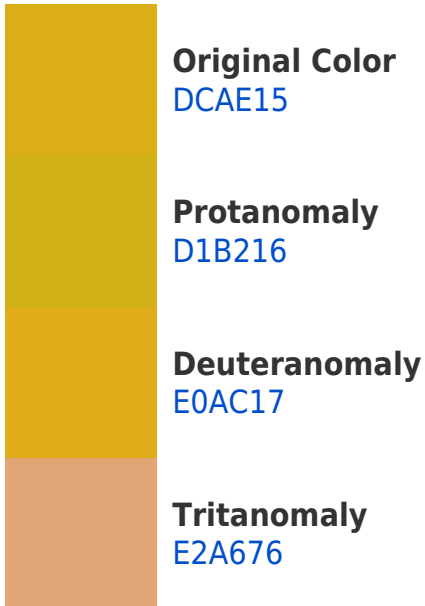
Dichromacy



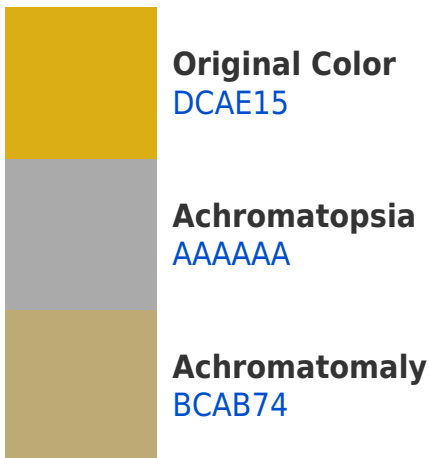


Tritanopia
E5A2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCAE15 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 #DCAE15 looks like.

```
.text, #text, p{  
    color:#DCAE15  
}
```

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 #DCAE15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCAE15
}
```

Border

The CSS property to change the border of an element to Hex DCAE15 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
#DCAE15 }
```

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

```
.border{ border-color:#DCAE15 }
```

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

Here you see how a box with a 4 pixel #DCAE15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCAE15; -webkit-box-shadow:4px 4px  
4px 4px #DCAE15; box-shadow:4px 4px 4px  
4px #DCAE15 }
```

Background

The CSS property to change the background color of an element to Hex DCAE15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCAE15 }
```

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

```
.background{ background-color:#DCAE15 }
```

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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