

Converting Colors

Hex(DCAAE0)

Have a look what the booklet for
Hex(DCAAE0) contains.

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Color

Hex(DCAAE0)

Conversions

Conversions Part 1

Format	Color
Hex	DCAAE0
RGB	220, 170, 224
RGB Percent	86%, 67%, 88%
CMY	0.1373, 0.3333, 0.1216
CMYK	0.02, 0.24, 0.00, 0.12
HSL	296°, 47%, 77%
HSV	296°, 24%, 88%
XYZ	57.3445, 49.3469, 77.0235
YIQ	191.1060, 12.4660, 27.3940

Conversions

Conversions Part 2

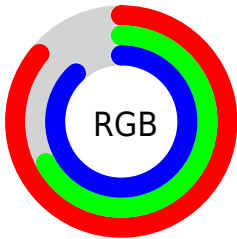
Format	Color
R _Y B	220, 170, 224
Decimal	14461664
CIE Lab	75.67, 27.38, -20.16
CIE LCh	76, 34.000, 323.638
Yxy	49.3469, 0.3121, 0.2686
Android (android.graphics.Color)	4292651744 (0xFFDCAAE0)
YUV	191.1060, 16.2167, 25.3400
Hunter-Lab	70.2474, 22.7806, -15.8361

Details

The Hex color **DCAAE0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AEE0AA**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFE2FF**, and **A475A9** is the 20% darker color. If you saturate the color by 10%, you get **DA94E0**, and if you desaturate by 10%, it is **DEC0E0**.

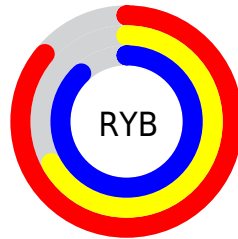
Distribution



Red (86%)

Green (67%)

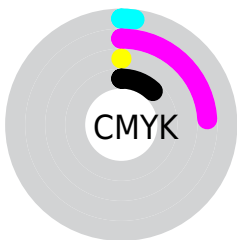
Blue (88%)



Red (86%)

Yellow (67%)

Blue (88%)

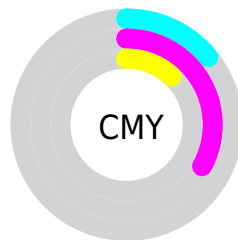


Cyan (2%)

Magenta (24%)

Yellow (0%)

Black (12%)



Cyan (14%)

Magenta (33%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCAAE0 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 DCAAE0 by changing the saturation by 10% instead.

 DCAAE0

 DCAAE0

FFFFFF

 C08FC4

 FFE2FF

 A475A9

FFFEFF


 8A5C8E

 704474

 572D5C

 3E1644

 28002E

 080019

 000000

 DCAAE0

 DCAAE0

 DA94E0

 DEC0E0

 D97DE0

 DFD7E0

 D767E0

 E1EDE0

 D550E0

 E3FFE0

 D43AE0

 E4FFE0

 D224E0

 E6FFE0

 D00DE0

 E8FFE0

 CF00E0

 E9FFE0

 EBFEE0

Harmonies

Analogous

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



B5B5F4



DCAAE0



F3A3C2

Triad

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



DCAAE0



D6B67C



53CBD2

Complementary

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



DCAAE0



AEE0AA

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.



6ECBB2



DCAAE0



B7C080

Square

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



DCAAE0



EEAC89



92C794



5CC7EC

Rectangle

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



DCAAE0



F9A3AD



92C794



59CCC8

Sweetspot

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



DCAAE0



FEEDFF



AAEE0



7F7580



000000



808080

Same Dimension

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



DCAAE0



FAB5FF



E0AACA



6F6570



A300B0



2D0030

Inverse Universe

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



E0AAAE



FFB5BB



AAE0C1



706566



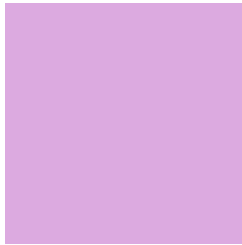
B0000D



300004

Previews

White Background



This preview shows how the Hex color DCAAE0 looks on a white background.

Color Contrast Check

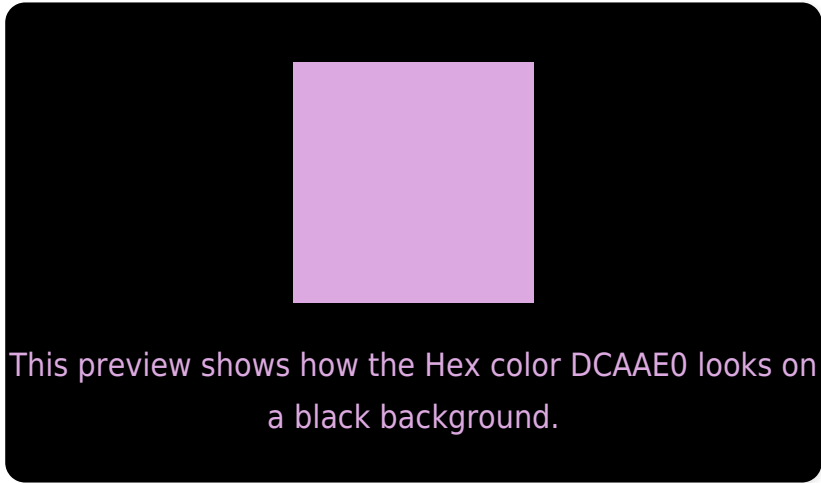
Large Text (above 18pt) WCAG AA × Fail

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

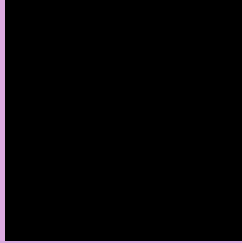
Any Text WCAG AA ✓ Pass

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 DCAAE0 Background



This preview shows how black text looks on a background with the Hex color DCAAE0.

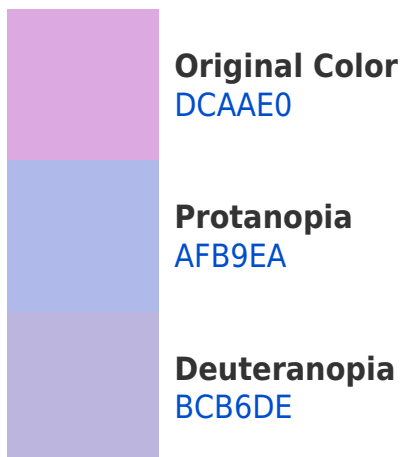



This preview shows how white text looks on a background with the Hex color DCAAE0.

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](#).

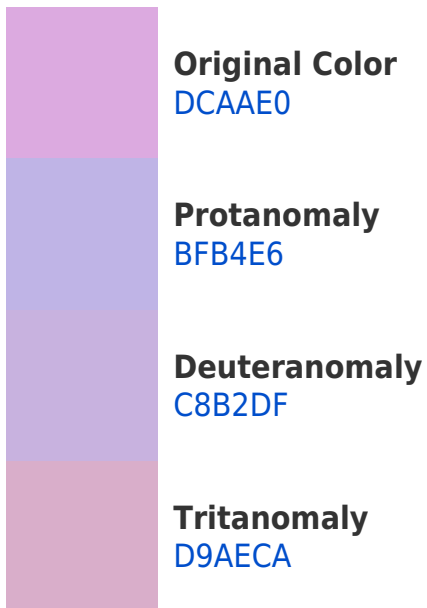
Dichromacy



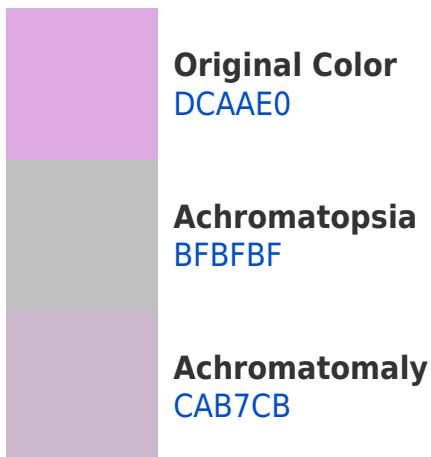


Tritanopia
D7B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCAAE0 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 #DCAAE0 looks like.

```
.text, #text, p{  
    color:#DCAAE0  
}
```

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 #DCAAE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCAAE0
}
```

Border

The CSS property to change the border of an element to Hex DCAAE0 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
#DCAAE0 }
```

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

```
.border{ border-color:#DCAAE0 }
```

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

Here you see how a box with a 4 pixel #DCAAE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCAAE0; -webkit-box-shadow:4px 4px  
4px 4px #DCAAE0; box-shadow:4px 4px 4px  
4px #DCAAE0 }
```

Background

The CSS property to change the background color of an element to Hex DCAAE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCAAE0 }
```

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

```
.background{ background-color:#DCAAE0 }
```

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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