

# Converting Colors

Hex(DE96AA)

Have a look what the booklet for  
Hex(DE96AA) contains.

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# **Color**

**Hex(DE96AA)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | DE96AA                     |
| RGB         | 222, 150, 170              |
| RGB Percent | 87%, 59%, 67%              |
| CMY         | 0.1294, 0.4118, 0.3333     |
| CMYK        | 0.00, 0.32, 0.23, 0.13     |
| HSL         | 343°, 52%, 73%             |
| HSV         | 343°, 32%, 87%             |
| XYZ         | 48.2862, 40.2446, 43.2532  |
| YIQ         | 173.8080, 36.4920, 21.4840 |

# Conversions

## Conversions Part 2

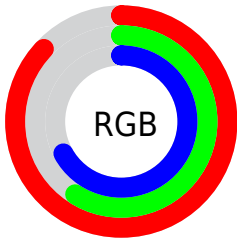
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 222, 150, 170                 |
| Decimal                             | 14587562                      |
| CIE Lab                             | 69.64, 29.81, 0.64            |
| CIE LCh                             | 70, 29.817, 1.228             |
| Yxy                                 | 40.2446, 0.3664,<br>0.3054    |
| Android<br>(android.graphics.Color) | 4292777642<br>(0xFFDE96AA)    |
| YUV                                 | 173.8080, -1.8773,<br>42.2644 |
| Hunter-Lab                          | 63.4386, 24.8476,<br>3.9824   |

# Details

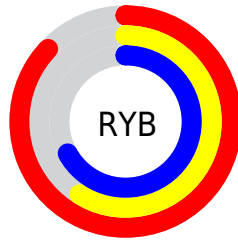
The Hex color **DE96AA** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **96DECA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCDE1**, and **A56276** is the 20% darker color. If you saturate the color by 10%, you get **DE809A**, and if you desaturate by 10%, it is **DEACBA**.

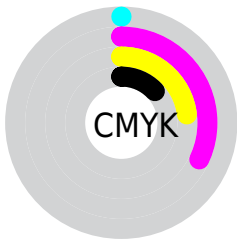
# Distribution



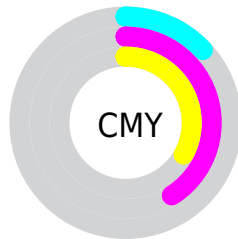
- Red (87%)
- Green (59%)
- Blue (67%)



- Red (87%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (32%)
- Yellow (23%)
- Black (13%)



- Cyan (13%)
- Magenta (41%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE96AA 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 DE96AA by changing the saturation by 10% instead.



 DE96AA

 DE96AA

FFFFFF

 C17C90

 FFCDE1

 A56276

 FFE9FE

 8A495D

 703146

 561A30

 3C011B

 290001

 000000

 DE96AA

 DE96AA

 DE809A

 DEACBA

 DE6A8A

 DEC2CA

 DE537A

 DED9DA

 DE3D6A

 DEEFEA

 DE275A

 DEFFFA

 DE114A

 DEFFFF

 DE003E

# Harmonies

## Analogous

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



CE9AC5



DE96AA



DF988F

# Triad

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



DE96AA



9FB17B



63B4D9

# Complementary

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



DE96AA



96DECA

# 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.



53B8C5



DE96AA



80B78F

# Square

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



DE96AA



BCA974



62B9AA



88ACE0

# Rectangle

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



DE96AA



D89D81



62B9AA



5AB6D3



# Sweetspot

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



DE96AA



FFE6ED



CA96DE



807074



000000



808080



# Same Dimension

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



DE96AA



FF9CB7



DEA696



706568



B00031



30000D



# Inverse Universe

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



DE96AA



FF9CB7



96CEDE



706568



B00031



30000D



# Previews

## White Background



This preview shows how the Hex color DE96AA looks on a white background.

## Color Contrast Check

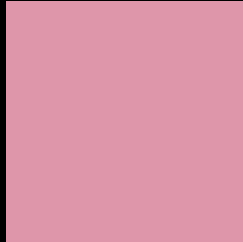
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color DE96AA looks on a 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 DE96AA Background



This preview shows how black text looks on a background with the Hex color DE96AA.

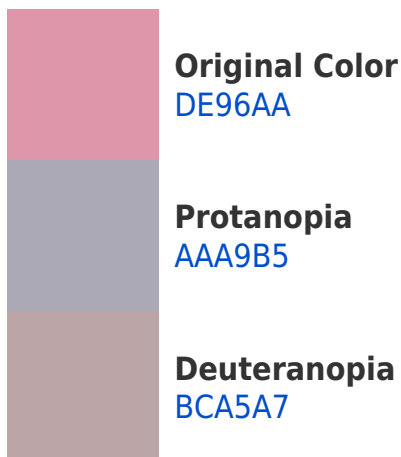



This preview shows how white text looks on a background with the Hex color DE96AA.

# 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](#).

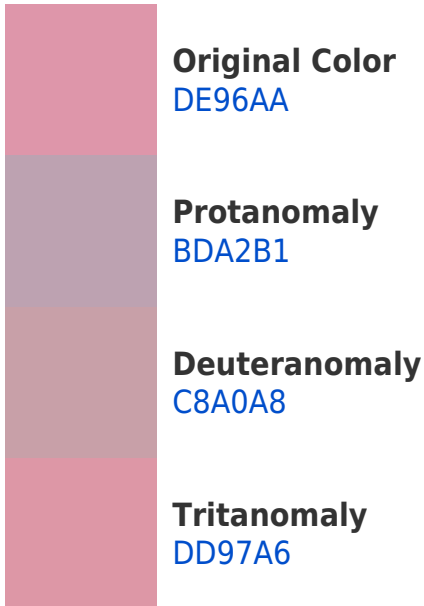
## Dichromacy



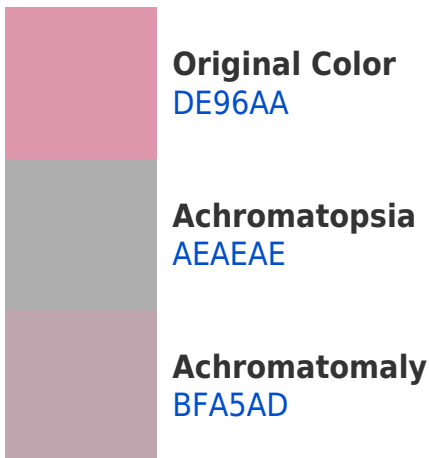


**Tritanopia**  
DD97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE96AA 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 #DE96AA looks like.

```
.text, #text, p{  
  color:#DE96AA  
}
```

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 #DE96AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE96AA
}
```

## Border

The CSS property to change the border of an element to Hex DE96AA 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
#DE96AA }
```

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

```
.border{ border-color:#DE96AA }
```

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

Here you see how a box with a 4 pixel #DE96AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE96AA; -webkit-box-shadow:4px 4px  
4px 4px #DE96AA; box-shadow:4px 4px 4px  
4px #DE96AA }
```

# Background

The CSS property to change the background color of an element to Hex DE96AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE96AA }
```

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

```
.background{ background-color:#DE96AA }
```

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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