

# Converting Colors

Hex(CEA6D1)

Have a look what the booklet for  
Hex(CEA6D1) contains.

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# **Color**

**Hex(CEA6D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEA6D1
RGB	206, 166, 209
RGB Percent	81%, 65%, 82%
CMY	0.1922, 0.3490, 0.1804
CMYK	0.01, 0.21, 0.00, 0.18
HSL	296°, 32%, 74%
HSV	296°, 21%, 82%
XYZ	50.5984, 44.9977, 66.3402
YIQ	182.8620, 10.0370, 21.8530

# Conversions

## Conversions Part 2

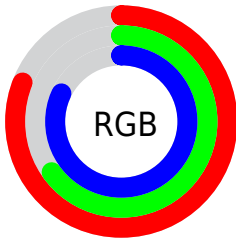
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 166, 209
Decimal	13543121
CIE <sub>Lab</sub>	72.89, 22.08, -16.29
CIE <sub>LCh</sub>	73, 27.443, 323.581
Yxy	44.9977, 0.3125, 0.2779
Android (android.graphics.Color)	4291733201 (0xFFCEA6D1)
YUV	182.8620, 12.8860, 20.2920
Hunter-Lab	67.0803, 17.2513, -11.6796

# Details

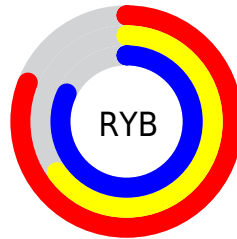
The Hex color **CEA6D1** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A9D1A6**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFDDFF**, and **97729B** is the 20% darker color. If you saturate the color by 10%, you get **CD91D1**, and if you desaturate by 10%, it is **CFBBD1**.

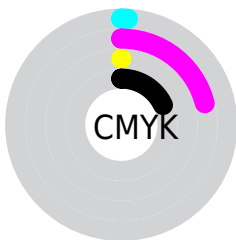
# Distribution



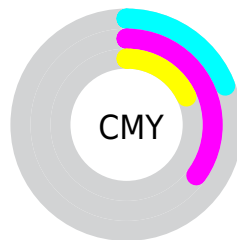
- Red (81%)
- Green (65%)
- Blue (82%)



- Red (81%)
- Yellow (65%)
- Blue (82%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (35%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEA6D1 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 CEA6D1 by changing the saturation by 10% instead.



 CEA6D1

 CEA6D1

FFFFFF

 B28BB5

 FFDDFF

 97729B

 FFFAFF

 7D5980

 644167

 4B2B4F

 341538

 200023

 00000A

 000000

 CEA6D1

 CEA6D1

 CD91D1

 CFBBD1

 CB7CD1

 D1D0D1

 CA67D1

 D2E5D1

 C852D1

 D4FAD1

 C73ED1

 D5FFD1

 C529D1

 D7FFD1

 C414D1

 D8FFD1

 C200D1

 DAFFD1

 DBFFD1

# Harmonies

## Analogous

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



B0AEE1



CEA6D1



E1A1B9

# Triad

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



CEA6D1



CAAF81



68C1C6

# Complementary

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



CEA6D1



A9D1A6

# 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.



78C1AC



CEA6D1



B0B784

# Square

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



CEA6D1



DDA78B



93BD94



6FBDDA

# Rectangle

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



CEA6D1



E6A1A8



93BD94



6BC1BE



# Sweetspot

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



CEA6D1



FEF0FF



A6AAD1



7F7780



000000



808080



# Same Dimension

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



CEA6D1



FBBFFF



D1A6BF



685E69



9D00A8



260029



# Inverse Universe

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



D1A6A9



FFBFC4



A6D1B8



695E5F



A8000C

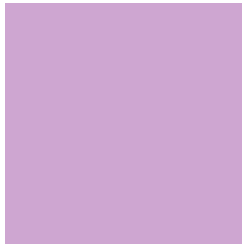


290003



# Previews

## White Background



This preview shows how the Hex color CEA6D1 looks on a white background.

## Color Contrast Check

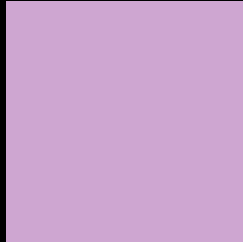
Large Text (above 18pt) WCAG AA × Fail

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 CEA6D1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

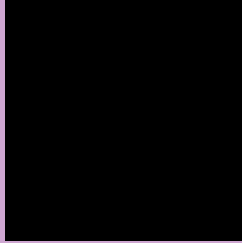
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEA6D1 Background



This preview shows how black text looks on a background with the Hex color CEA6D1.

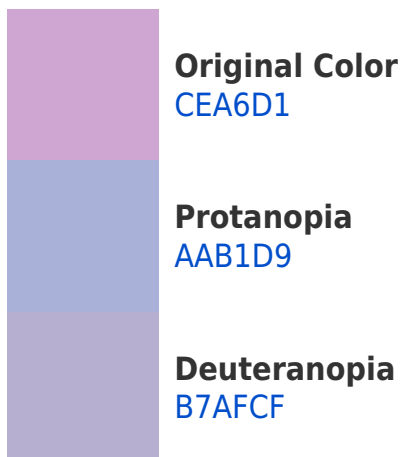


This preview shows how white text looks on a background with the Hex color CEA6D1.

# 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





# Trichromacy



**Original Color**  
CEA6D1

**Protanomaly**  
B7ADD6

**Deuteranomaly**  
BFACD0

**Tritanomaly**  
CBA9C1

# Monochromacy



**Original Color**  
CEA6D1

**Achromatopsia**  
B7B7B7

**Achromatomaly**  
BFB1C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEA6D1 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 #CEA6D1 looks like.

```
.text, #text, p{  
    color:#CEA6D1  
}
```

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 #CEA6D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA6D1  
}
```

## Border

The CSS property to change the border of an element to Hex CEA6D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

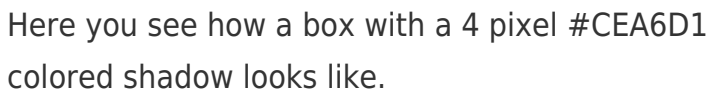
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CEA6D1 }
```

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

```
.border{ border-color:#CEA6D1 }
```

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



Here you see how a box with a 4 pixel #CEA6D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA6D1; -webkit-box-shadow:4px 4px  
4px 4px #CEA6D1; box-shadow:4px 4px 4px  
4px #CEA6D1 }
```

# Background

The CSS property to change the background color of an element to Hex CEA6D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA6D1 }
```

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

```
.background{ background-color:#CEA6D1 }
```

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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