

# Converting Colors

Hex(C0E3A6)

Have a look what the booklet for  
Hex(C0E3A6) contains.

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# **Color**

**Hex(C0E3A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0E3A6
RGB	192, 227, 166
RGB Percent	75%, 89%, 65%
CMY	0.2471, 0.1098, 0.3490
CMYK	0.15, 0.00, 0.27, 0.11
HSL	94°, 52%, 77%
HSV	94°, 27%, 89%
XYZ	56.0902, 68.8978, 46.4187
YIQ	209.5810, -1.2790, -26.3910

# Conversions

## Conversions Part 2

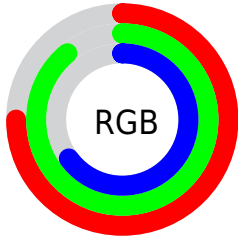
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 227, 201
Decimal	12641190
CIELab	86.45, -22.22, 26.12
CIELCh	86, 34.291, 130.386
Yxy	68.8978, 0.3272, 0.4020
Android (android.graphics.Color)	4290831270 (0xFFC0E3A6)
YUV	209.5810, -21.4854, -15.4185
Hunter-Lab	83.0047, -24.6373, 24.9465

# Details

The Hex color **C0E3A6** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C9A6E3**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **F9FFDD**, and **8AAC72** is the 20% darker color. If you saturate the color by 10%, you get **B3E38F**, and if you desaturate by 10%, it is **CDE3BD**.

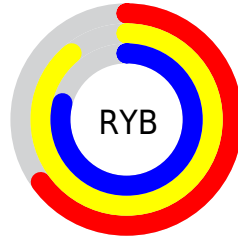
# Distribution



Red (75%)

Green (89%)

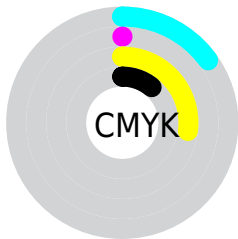
Blue (65%)



Red (65%)

Yellow (89%)

Blue (79%)

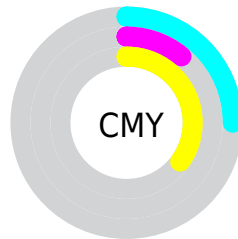


Cyan (15%)

Magenta (0%)

Yellow (27%)

Black (11%)



Cyan (25%)

Magenta (11%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0E3A6 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 C0E3A6 by changing the saturation by 10% instead.



 C0E3A6

 C0E3A6

FFFFFF

 A5C78B

 F9FFDD

 8AAC72


 FFFFFA

 709159

 577741

 3E5E2A

 274614

 113000

 001D00

 000000

 C0E3A6

 C0E3A6

 B3E38F

 CDE3BD

 A6E379

 DAE3D3

 99E362

 E7E3EA

 8CE34B

 F4E3FF

 7FE335

 FFE3FF

 72E31E

 65E307

 61E300

# Harmonies

## Analogous

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



E4DA98



C0E3A6



9AE9C1

# Triad

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



C0E3A6



91E2FF



FFC0CE

# Complementary

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



C0E3A6



C9A6E3

# 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.



FFC3EF



C0E3A6



BFD8FF

# Square

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



C0E3A6



74E8FF



EBCCF



FFC5B0

# Rectangle

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



C0E3A6



84EAD8



EBCCFE



FFC0D9



# Sweetspot

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



C0E3A6



F3FFE8



E3C9A6



788073



000000



808080

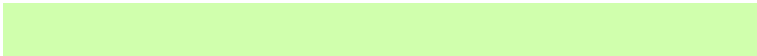


# Same Dimension

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



C0E3A6



D0FFAD



A6E3AA



6C7367



4CB300



163300



# Inverse Universe

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



C9A6E3



DCADFF



E3A6DF



6E6773



6600B3



1D0033



# Previews

## White Background



This preview shows how the Hex color C0E3A6 looks on a white background.

## Color Contrast Check

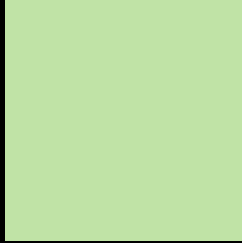
Large Text (above 18pt) WCAG AA × Fail

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 C0E3A6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

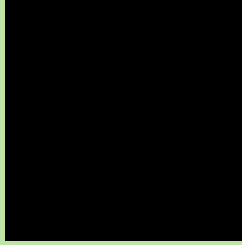
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

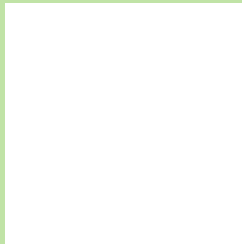
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C0E3A6 Background



This preview shows how black text looks on a background with the Hex color C0E3A6.

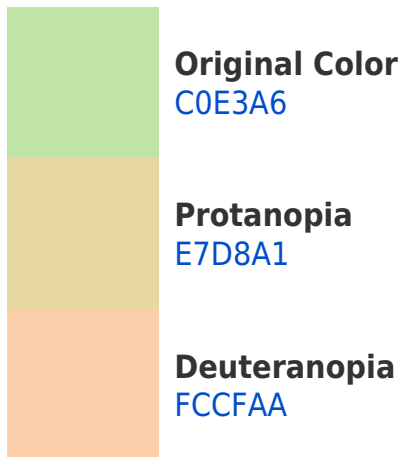


This preview shows how white text looks on a background with the Hex color C0E3A6.

# Color Blindness Simulation

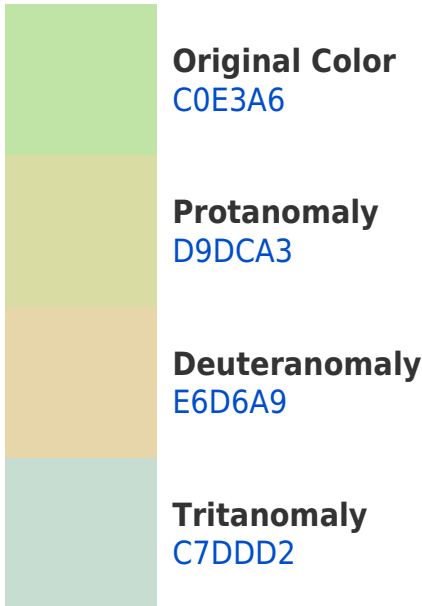
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

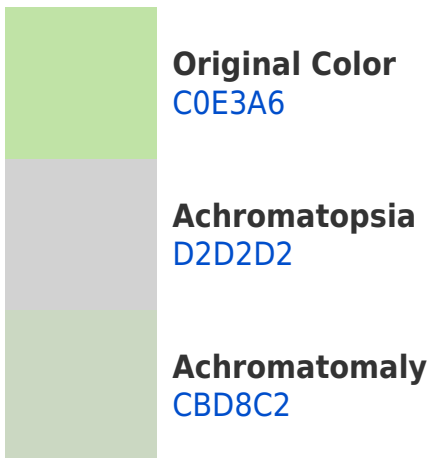




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0E3A6 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 #C0E3A6 looks like.

```
.text, #text, p{  
    color:#C0E3A6  
}
```

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 #C0E3A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0E3A6
}
```

## Border

The CSS property to change the border of an element to Hex C0E3A6 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
#C0E3A6 }
```

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

```
.border{ border-color:#C0E3A6 }
```

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

Here you see how a box with a 4 pixel `#C0E3A6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0E3A6; -webkit-box-shadow:4px 4px  
4px 4px #C0E3A6; box-shadow:4px 4px 4px  
4px #C0E3A6 }
```

# Background

The CSS property to change the background color of an element to Hex C0E3A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0E3A6 }
```

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

```
.background{ background-color:#C0E3A6 }
```

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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