

# Converting Colors

Hex(3CAEA0)

Have a look what the booklet for  
Hex(3CAEA0) contains.

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**Color**

**Hex(3CAEA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CAEA0
RGB	60, 174, 160
RGB Percent	24%, 68%, 63%
CMY	0.7647, 0.3176, 0.3725
CMYK	0.66, 0.00, 0.08, 0.32
HSL	173°, 49%, 46%
HSV	173°, 66%, 68%
XYZ	23.3447, 33.7708, 38.5457
YIQ	138.3180, -63.4500, -28.5220

# Conversions

## Conversions Part 2

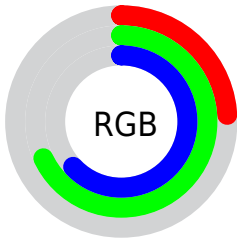
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 121, 174
Decimal	3976864
CIELab	64.78, -35.06, -2.21
CIELCh	65, 35.134, 183.600
Yxy	33.7708, 0.2440, 0.3530
Android (android.graphics.Color)	4282166944 (0xFF3CAEA0)
YUV	138.3180, 10.6892, -68.6849
Hunter-Lab	58.1127, -29.9912, 1.3522

# Details

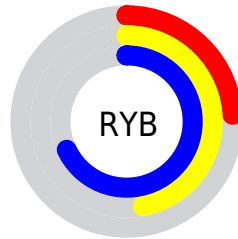
The Hex color **3CAEA0** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AE3C4A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **79E6D7**, and **00796D** is the 20% darker color. If you saturate the color by 10%, you get **2BAE9E**, and if you desaturate by 10%, it is **4DAEA2**.

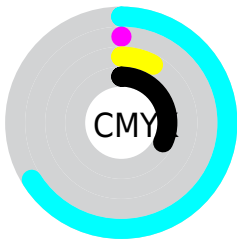
# Distribution



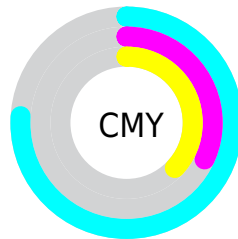
- Red (24%)
- Green (68%)
- Blue (63%)



- Red (24%)
- Yellow (47%)
- Blue (68%)



- Cyan (66%)
- Magenta (0%)
- Yellow (8%)
- Black (32%)



- Cyan (76%)
- Magenta (32%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CAEA0 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 3CAEA0 by changing the saturation by 10% instead.





3CAEA0



3CAEA0

FFFFFF



119386



79E6D7



00796D



96FFF3



005F54



B3FFFF



00473D



D1FFFF



003028



EFFFFFF



001A13



000000



3CAEA0



3CAEA0



2BAE9E



4DAEA2

■ 19AE9C

■ 5FAEA4

■ 08AE9A

■ 70AEA6

■ 00AE99

■ 82AEA9

■ 93AEAB

■ A4AEAD

■ B6AEAF

■ C7AEB1

■ D9AEB3

# Harmonies

## Analogous

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



67AC80



3CAEA0



18ADBF

# Triad

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



3CAEA0



A694D1



C99266

# Complementary

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



3CAEA0



AE3C4A

# 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.



D8887C



3CAEA0



C889BA

# Square

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



3CAEA0



769FDB



D9859A



AE9C5E

# Rectangle

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



3CAEA0



2DAACF



D9859A



CF8E6C



# Sweetspot

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



3CAEA0



B6E3DD



4BAE3C



57736F



F2F2F2



737373



# Same Dimension

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



3CAEA0



30E3CD



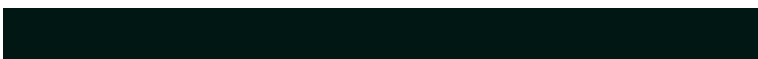
3C84AE



4E5756



009684



001714



# Inverse Universe

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



AE3C4A



E33046



AE663C



574E4F



960012

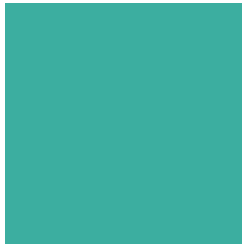


170003



# Previews

## White Background



This preview shows how the Hex color 3CAEA0 looks on a white background.

## Color Contrast Check

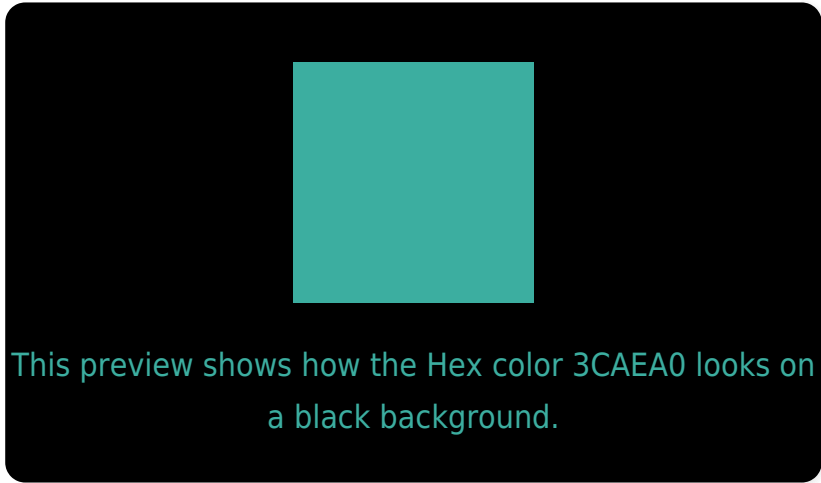
Large Text (above 18pt) WCAG AA × Fail

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

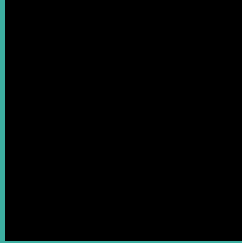
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3CAEA0 Background



This preview shows how black text looks on a background with the Hex color 3CAEA0.

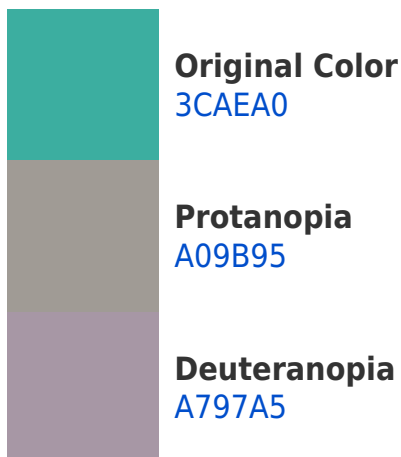


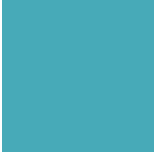
This preview shows how white text looks on a background with the Hex color 3CAEA0.

# 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](#).

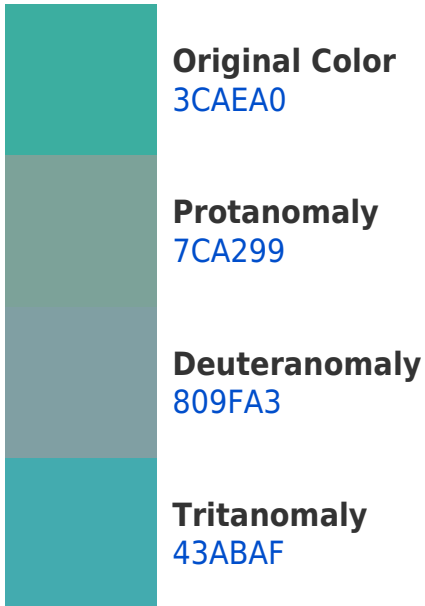
## Dichromacy





**Tritanopia**  
47AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CAEA0 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 #3CAEA0 looks like.

```
.text, #text, p{  
    color:#3CAEA0  
}
```

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 #3CAEA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CAEA0
}
```

## Border

The CSS property to change the border of an element to Hex 3CAEA0 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
#3CAEA0 }
```

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

```
.border{ border-color:#3CAEA0 }
```

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

Here you see how a box with a 4 pixel #3CAEA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CAEA0; -webkit-box-shadow:4px 4px  
4px 4px #3CAEA0; box-shadow:4px 4px 4px  
4px #3CAEA0 }
```

# Background

The CSS property to change the background color of an element to Hex 3CAEA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CAEA0 }
```

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

```
.background{ background-color:#3CAEA0 }
```

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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