

# Converting Colors

Hex(3ACACE)

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

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# **Color**

**Hex(3ACACE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3ACACE
RGB	58, 202, 206
RGB Percent	23%, 79%, 81%
CMY	0.7725, 0.2078, 0.1922
CMYK	0.72, 0.02, 0.00, 0.19
HSL	182°, 60%, 52%
HSV	182°, 72%, 81%
XYZ	34.0060, 47.5968, 65.7873
YIQ	159.4000, -87.1080, -29.2840

# Conversions

## Conversions Part 2

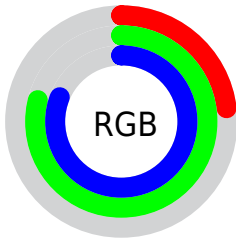
Format	Color
<a href="#">RYB</a>	<a href="#">58, 131, 206</a>
Decimal	<a href="#">3853006</a>
CIELab	<a href="#">74.57, -35.43, -12.92</a>
CIELCh	<a href="#">75, 37.714, 200.041</a>
Yxy	<a href="#">47.5968, 0.2307, 0.3229</a>
Android (android.graphics.Color)	<a href="#">4282043086</a> ( <a href="#">0xFF3ACACE</a> )
YUV	<a href="#">159.4000, 22.9738, -88.9278</a>
Hunter-Lab	<a href="#">68.9905, -32.7490, -8.2439</a>

# Details

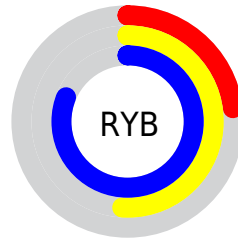
The Hex color **3ACACE** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CE3E3A**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7FFFFFFF**, and **009398** is the 20% darker color. If you saturate the color by 10%, you get **25C9CE**, and if you desaturate by 10%, it is **4FCBCE**.

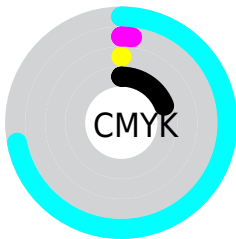
# Distribution



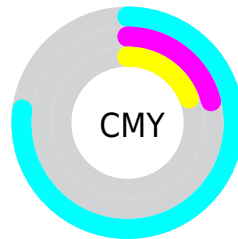
- Red (23%)
- Green (79%)
- Blue (81%)



- Red (23%)
- Yellow (51%)
- Blue (81%)



- Cyan (72%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (77%)
- Magenta (21%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 3ACACE

 3ACACE

FFFFFF

 00AEB3

 7FFFFFFF

 009398

 9EFFFF

 00797E

 BDFFFF

 006065

 DBFFFF

 00474D

 FAFFFF

 003036

 001A21

 000009

 000000

 3ACACE

 3ACACE

 25C9CE

 4FCBCE

 11C9CE

 63CBCE

 00C8CE

 78CCCE

 8CCCCE

 A1CDCE

 B6CDCE

 CACECE

 DFCECE

 F3CFCE

# Harmonies

## Analogous

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



64C9AA



3ACACE



3EC6EC

# Triad

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



3ACACE



D8A6E4



D9B173

# Complementary

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



3ACACE



CE3E3A

# 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.



F2A684



3ACACE



F49EC5

# Square

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



3ACACE



ABB3F8



FC9EA1



B7BD75

# Rectangle

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



3ACACE



60C1F8



FC9EA1



E3AD77



# Sweetspot

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



3ACACE



C7FDFF



3ACE3C



5E7F80



000000



808080



# Same Dimension

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



3ACACE



24F9FF



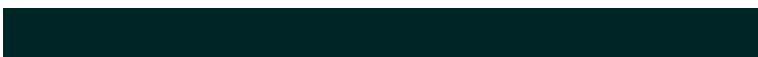
3A82CE



5C6666



00A1A6



002526



# Inverse Universe

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



CE3ACA



FF24F9



CE863A



665C66



A600A1

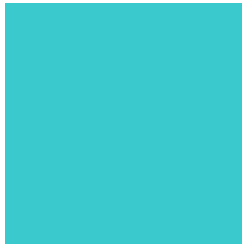


260025



# Previews

## White Background



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

## Color Contrast Check

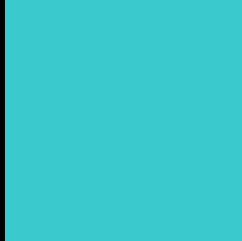
Large Text (above 18pt) WCAG AA × Fail

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 3ACACE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

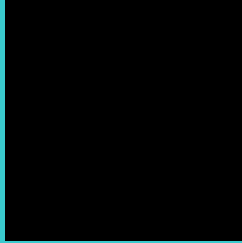
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

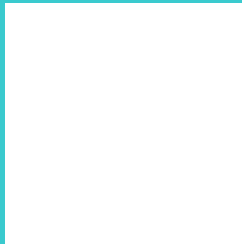
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3ACACE Background



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

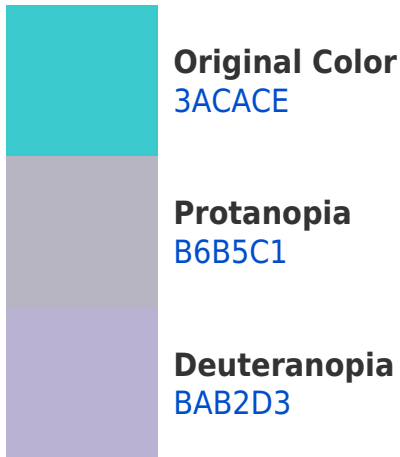


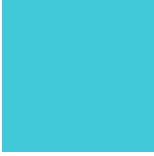
This preview shows how white text looks on a background with the Hex color 3ACACE.

# 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](#).

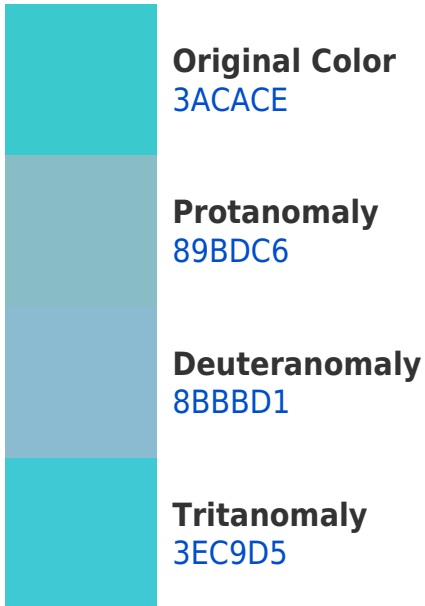
## Dichromacy



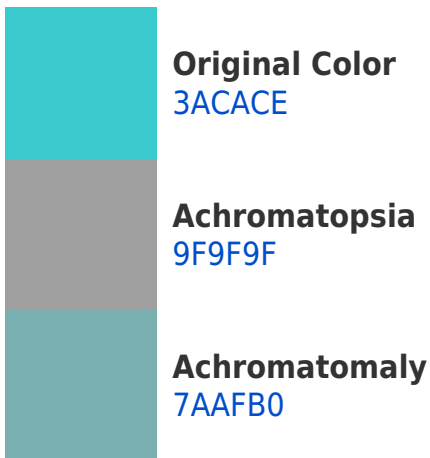


**Tritanopia**  
41C8D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #3ACACE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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