

# Converting Colors

Hex(3ACDCF)

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

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# Color

Hex(3ACDCF)

# Conversions

## Conversions Part 1

Format	Color
Hex	3ACDCF
RGB	58, 205, 207
RGB Percent	23%, 80%, 81%
CMY	0.7725, 0.1961, 0.1882
CMYK	0.72, 0.01, 0.00, 0.19
HSL	181°, 61%, 52%
HSV	181°, 72%, 81%
XYZ	34.8387, 49.0672, 66.6662
YIQ	161.2750, -88.2540, -30.5420

# Conversions

## Conversions Part 2

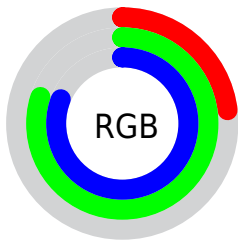
Format	Color
R <sub>YB</sub>	58, 132, 207
Decimal	3853775
CIE Lab	75.49, -36.54, -12.08
CIE LCh	75, 38.482, 198.299
Yxy	49.0672, 0.2314, 0.3259
Android (android.graphics.Color)	4282043855 (0xFF3ACDCF)
YUV	161.2750, 22.5424, -90.5722
Hunter-Lab	70.0480, -33.8060, -7.3940

# Details

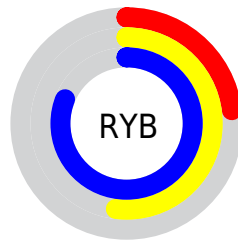
The Hex color **3ACDCF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CF3C3A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **7FFFFFFF**, and **009699** is the 20% darker color. If you saturate the color by 10%, you get **25CDCF**, and if you desaturate by 10%, it is **4FCDCF**.

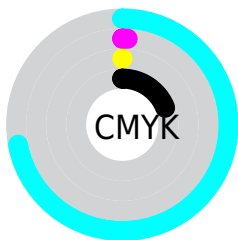
# Distribution



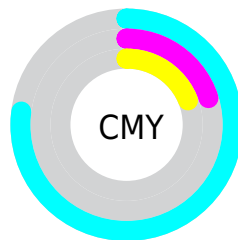
- Red (23%)
- Green (80%)
- Blue (81%)



- Red (23%)
- Yellow (52%)
- Blue (81%)



- Cyan (72%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (77%)
- Magenta (20%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 3ACDCF

 3ACDCF

FFFFFF

 00B1B3

 7FFFFFFF

 009699

 9FFFFFFF

 007C7F

 BDFFFF

 006266

 DCFFFF

 004A4E

 FBFFFF

 003237

 001D22

 00000A

 000000

 3ACDCF

 3ACDCF

 25CDCF

 4FCDCF

 11CCCF

 63CECF

 00CCCF

 78CECF

 8DCECF

 A2CECF

 B6CFCF

 CBCFCF

 E0CFCF

 F4D0CF

# Harmonies

## Analogous

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



67CCA



3ACDF



39CAEE

# Triad

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



3ACDCF



D9A9E9



DEB375

# Complementary

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



3ACDCF



CF3C3A

# 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.



F6A786



3ACDCF



F6A0C9

# Square

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



3ACDCF



AAB6FD



FF9FA5



BCBF76

# Rectangle

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



3ACDCF



5CC5FB



FF9FA5



E8AF79



# Sweetspot

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



3ACDCF



C7FEFF



3ACF3A



5E7F80



000000



808080



# Same Dimension

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



3ACDCF



24FCFF



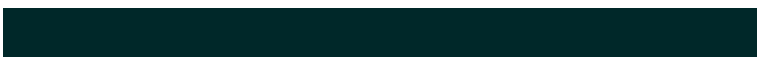
3A84CF



5E6869



00A6A8



002829



# Inverse Universe

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



CF3ACD



FF24FC



CF843A



695E68



A800A6

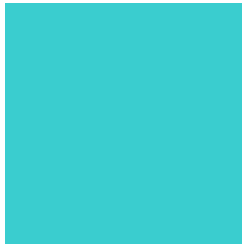


290028



# Previews

## White Background



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

## Color Contrast Check

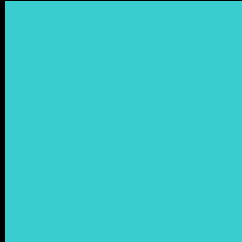
Large Text (above 18pt) WCAG AA × Fail

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 3ACDCF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

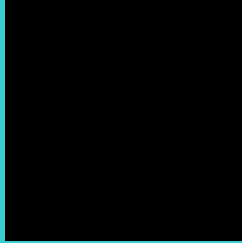
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

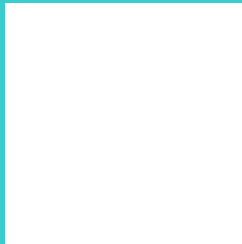
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3ACDCF Background



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

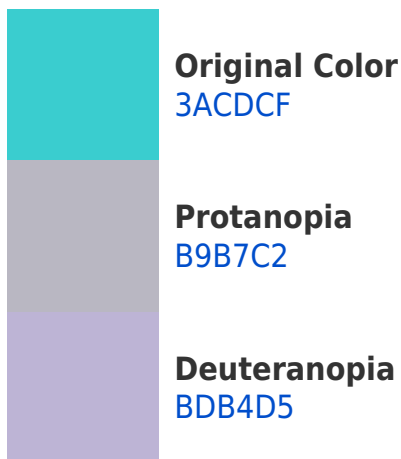


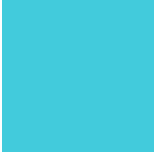
This preview shows how white text looks on a background with the Hex color 3ACDCF.

# 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



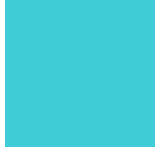
**Original Color**  
3ACDCF



**Protanomaly**  
8BBFC7



**Deuteranomaly**  
8DBDD3



**Tritanomaly**  
3FCCD7

# Monochromacy



**Original Color**  
3ACDCF



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
7CB1B2

# CSS Examples

## Text

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

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

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 #3ACDCF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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