

Converting Colors

Hex(3ACDB5)

Have a look what the booklet for
Hex(3ACDB5) contains.

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Color

Hex(3ACDB5)

Conversions

Conversions Part 1

Format	Color
Hex	3ACDB5
RGB	58, 205, 181
RGB Percent	23%, 80%, 71%
CMY	0.7725, 0.1961, 0.2902
CMYK	0.72, 0.00, 0.12, 0.20
HSL	170°, 60%, 52%
HSV	170°, 72%, 80%
XYZ	31.9167, 47.8984, 51.2792
YIQ	158.3110, -79.9080, -38.6280

Conversions

Conversions Part 2

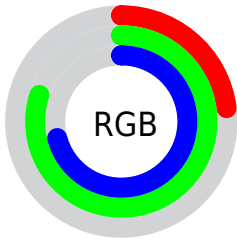
Format	Color
RYB	58, 138, 205
Decimal	3853749
CIELab	74.76, -43.68, 0.88
CIELCh	75, 43.686, 178.847
Yxy	47.8984, 0.2435, 0.3654
Android (android.graphics.Color)	4282043829 (0xFF3ACDB5)
YUV	158.3110, 11.1857, -87.9727
Hunter-Lab	69.2087, -38.7969, 4.5160

Details

The Hex color **3ACDB5** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **CD3A52**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7DF FED**, and **009680** is the 20% darker color. If you saturate the color by 10%, you get **25CDB2**, and if you desaturate by 10%, it is **4ECDB8**.

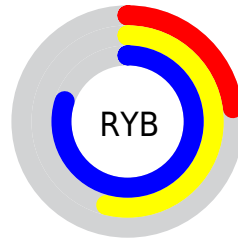
Distribution



Red (23%)

Green (80%)

Blue (71%)



Red (23%)

Yellow (54%)

Blue (80%)

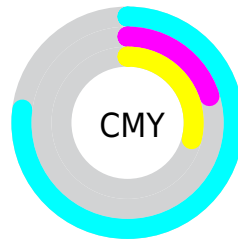


Cyan (72%)

Magenta (0%)

Yellow (12%)

Black (20%)



Cyan (77%)

Magenta (20%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3ACDB5 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 3ACDB5 by changing the saturation by 10% instead.

 3ACDB5

 3ACDB5

FFFFFF

 00B19A

 7DFFED

 009680

 9CFFFF

 007B67

 BAFFFF

 00624F

 D9FFFF

 004938

 F7FFFF

 003123

 001A0E

 000000

 3ACDB5

 3ACDB5

■ 25CDB2

■ 4ECDB8

■ 11CDAE

■ 63CDBC

■ 00CDAC

■ 77CDBF

■ 8CCDC2

■ A1CDC6

■ B5CDC9

■ CACDCC

■ DECDD0

■ F3CDD3

Harmonies

Analogous

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



79C98D



3ACDB5



00CCDD

Triad

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



3ACDB5



BAAEFE



F3A774

Complementary

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



3ACDB5



CD3A52

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.



FF9B93



3ACDB5



E9A0E2

Square

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



3ACDB5



77BCFF



FF98BB



D3B567

Rectangle

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



3ACDB5



00C9F3



FF98BB



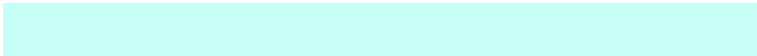
FBA27D

Sweetspot

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



3ACDB5



C7FFF6



52CD3A



5E807A



000000



808080

Same Dimension

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



3ACDB5



24FFDB



3A9CCD



5C6664



00A68B



002620

Inverse Universe

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



CD3A52



FF2448



CD6B3A



665C5D



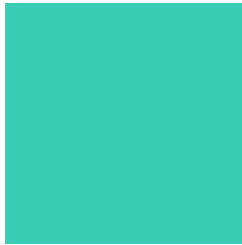
A6001B



260006

Previews

White Background



This preview shows how the Hex color 3ACDB5 looks on a white background.

Color Contrast Check

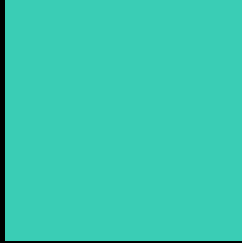
Large Text (above 18pt) WCAG AA × Fail

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 3ACDB5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

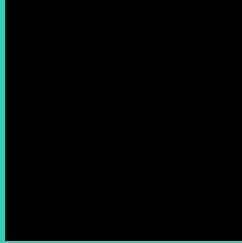
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

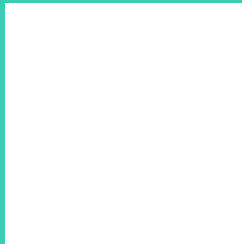
Any Text WCAG AAA ✓ Pass

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

Hex 3ACDB5 Background



This preview shows how black text looks on a background with the Hex color 3ACDB5.

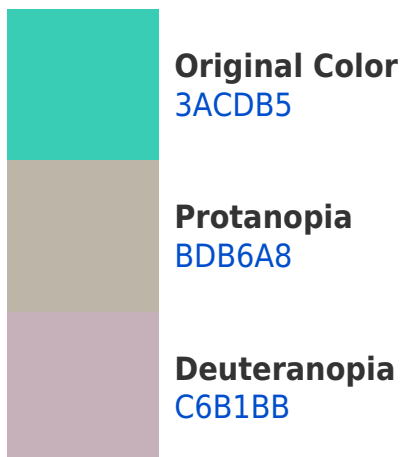


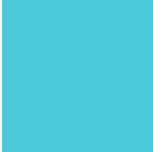
This preview shows how white text looks on a background with the Hex color 3ACDB5.

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



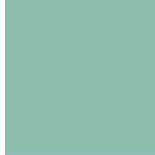


Tritanopia
4DC8D8

Trichromacy



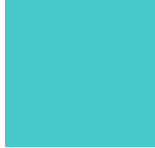
Original Color
3ACDB5



Protanomaly
8DBEAD



Deuteranomaly
93BBB9



Tritanomaly
46CACB

Monochromacy



Original Color
3ACDB5



Achromatopsia
9E9E9E



Achromatomaly
7AAFA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 3ACDB5 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 #3ACDB5 looks like.

```
.text, #text, p{  
    color:#3ACDB5  
}
```

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 #3ACDB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3ACDB5
}
```

Border

The CSS property to change the border of an element to Hex 3ACDB5 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
#3ACDB5 }
```

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

```
.border{ border-color:#3ACDB5 }
```

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

Here you see how a box with a 4 pixel #3ACDB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3ACDB5; -webkit-box-shadow:4px 4px  
4px 4px #3ACDB5; box-shadow:4px 4px 4px  
4px #3ACDB5 }
```

Background

The CSS property to change the background color of an element to Hex 3ACDB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3ACDB5 }
```

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

```
.background{ background-color:#3ACDB5 }
```

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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