

Converting Colors

Hex(3ABDEA)

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

Hex(3ABDEA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3ABDEA)

Conversions

Conversions Part 1

Format	Color
Hex	3ABDEA
RGB	58, 189, 234
RGB Percent	23%, 74%, 92%
CMY	0.7725, 0.2588, 0.0824
CMYK	0.75, 0.19, 0.00, 0.08
HSL	195°, 81%, 57%
HSV	195°, 75%, 92%
XYZ	34.7938, 43.2352, 84.3533
YIQ	154.9610, -92.5210, -13.7770

Conversions

Conversions Part 2

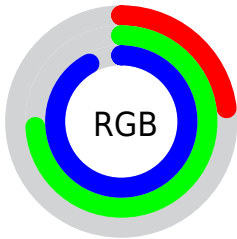
Format	Color
RYB	58, 133, 234
Decimal	3849706
CIELab	71.71, -20.40, -32.45
CIELCh	72, 38.335, 237.846
Yxy	43.2352, 0.2143, 0.2663
Android (android.graphics.Color)	4282039786 (0xFF3ABDEA)
YUV	154.9610, 38.9662, -85.0348
Hunter-Lab	65.7535, -20.6145, -30.0340

Details

The Hex color **3ABDEA** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **EA673A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **81F5FF**, and **0088B2** is the 20% darker color. If you saturate the color by 10%, you get **23B7EA**, and if you desaturate by 10%, it is **51C3EA**.

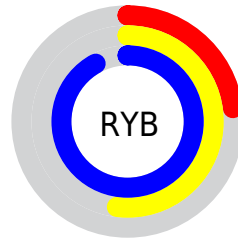
Distribution



Red (23%)

Green (74%)

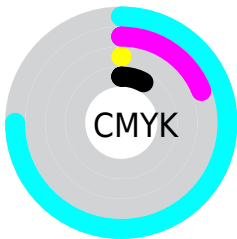
Blue (92%)



Red (23%)

Yellow (52%)

Blue (92%)

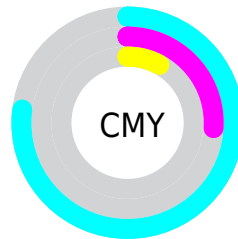


Cyan (75%)

Magenta (19%)

Yellow (0%)

Black (8%)



Cyan (77%)

Magenta (26%)

Yellow (8%)

Brightness & Saturation Gradients

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

 3ABDEA

 3ABDEA

FFFFFF

 00A2CE

 81F5FF

 0088B2

 A1FFFF

 006E97

 C0FFFF


 00567D


 DEFFFF

 003E64

FEFFFF

 00284C

 000F35

 00021F

 000002

■ 3ABDEA

■ 3ABDEA

■ 23B7EA

■ 51C3EA

■ 0BB1EA

■ 69C9EA

■ 00AEEA

■ 80CFEA

■ 98D5EA

■ AFDBEA

■ C6E1EA

■ DEE7EA

■ F5EDEA

■ FFF3EA

Harmonies

Analogous

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



1CC2CF



3ABDEA



79B4F5

Triad

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



3ABDEA



F095B4



A5B771

Complementary

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



3ABDEA



EA673A

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.



C9AD69



3ABDEA



F39791

Square

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



3ABDEA



D99BD5



E5A176



7CBF89

Rectangle

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



3ABDEA



9FACF2



E5A176



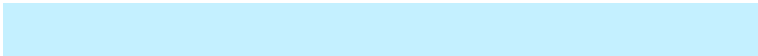
B2B46C

Sweetspot

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



3ABDEA



C4F0FF



3AEA66



5C7680



000000



808080

Same Dimension

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



3ABDEA



19C4FF



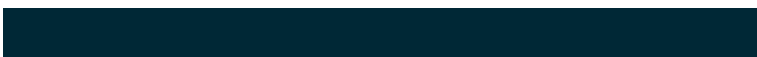
3A66EA



6A7275



0087B5



002836

Inverse Universe

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



EA3ABD



FF19C4



EABE3A



756A72



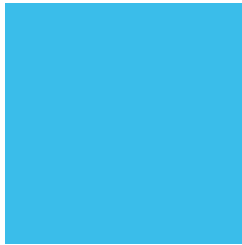
B50087



360028

Previews

White Background



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

Color Contrast Check

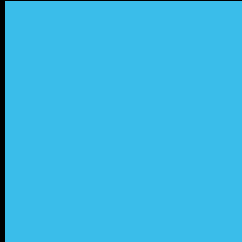
Large Text (above 18pt) WCAG AA × Fail

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 3ABDEA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

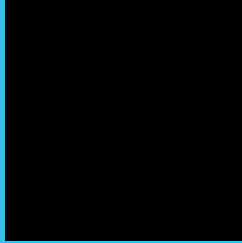
Any Text WCAG AA ✓ Pass

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 3ABDEA Background



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

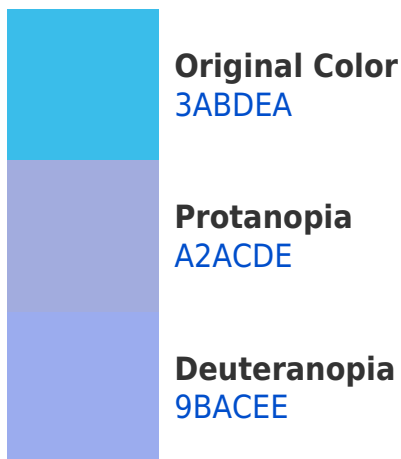


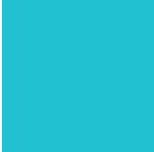
This preview shows how white text looks on a background with the Hex color 3ABDEA.

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](#).

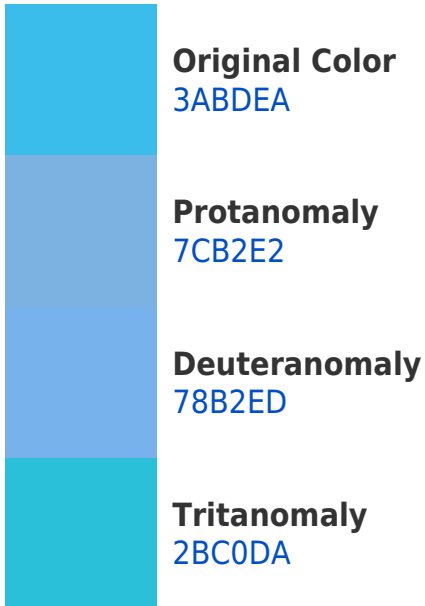
Dichromacy



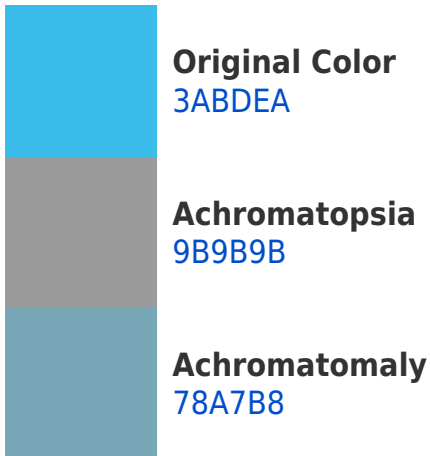


Tritanopia
22C1D1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #3ABDEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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