

Converting Colors

Hex(4ABBD7)

Have a look what the booklet for
Hex(4ABBD7) contains.

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Color

Hex(4ABB D7)

Conversions

Conversions Part 1

Format	Color
Hex	4ABBD7
RGB	74, 187, 215
RGB Percent	29%, 73%, 84%
CMY	0.7098, 0.2667, 0.1569
CMYK	0.66, 0.13, 0.00, 0.16
HSL	192°, 64%, 57%
HSV	192°, 66%, 84%
XYZ	32.8601, 41.9028, 70.6461
YIQ	156.4050, -76.3360, -15.2480

Conversions

Conversions Part 2

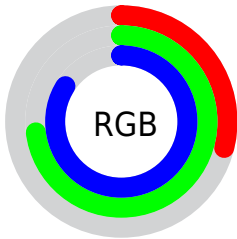
Format	Color
RYB	74, 137, 215
Decimal	4897751
CIELab	70.80, -23.23, -23.48
CIElCh	71, 33.031, 225.308
Yxy	41.9028, 0.2260, 0.2882
Android (android.graphics.Color)	4283087831 (0xFF4ABBD7)
YUV	156.4050, 28.8873, -72.2692
Hunter-Lab	64.7324, -22.6696, -19.3939

Details

The Hex color **4ABBD7** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **D7664A**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **89F3FF**, and **0086A0** is the 20% darker color. If you saturate the color by 10%, you get **34B7D7**, and if you desaturate by 10%, it is **5FBFD7**.

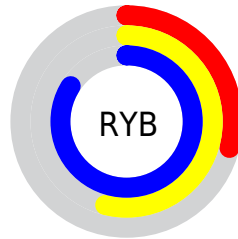
Distribution



Red (29%)

Green (73%)

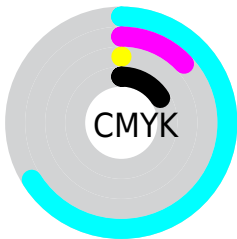
Blue (84%)



Red (29%)

Yellow (54%)

Blue (84%)

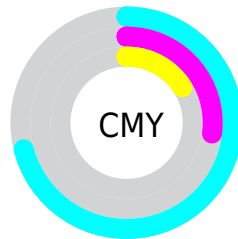


Cyan (66%)

Magenta (13%)

Yellow (0%)

Black (16%)



Cyan (71%)

Magenta (27%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ABBD7 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 4ABBD7 by changing the saturation by 10% instead.

 4ABBD7

 4ABBD7

FFFFFF

 21A0BB

 89F3FF

 0086A0

 A7FFFF

 006C86


 C5FFFF


 00546D

 E4FFFF

 003C54

 00263D

 000827

 000111

 000000

■ 4ABBD7

■ 4ABBD7

■ 34B7D7

■ 5FBFD7

■ 1FB2D7

■ 75C4D7

■ 09AED7

■ 8BC8D7

■ 00ACD7

■ A0CCD7

■ B5D0D7

■ CBD5D7

■ E0D9D7

■ F6DDD7

■ FFE1D7

Harmonies

Analogous

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



4DBEBC



4ABBD7



6EB5E7

Triad

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



4ABBD7



DF98BD



B2B073

Complementary

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



4ABBD7



D7664A

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.



CFA673



4ABBD7



E9979F

Square

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



4ABBD7



C4A0D8



E39D84



91B882

Rectangle

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



4ABBD7



8DAEE9



E39D84



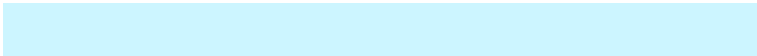
BDAD71

Sweetspot

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



4ABBD7



CCF5FF



4AD764



617980



000000



808080

Same Dimension

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



4ABBD7



36D7FF



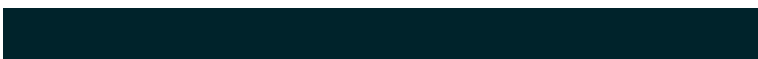
4A77D7



60696B



0089AB



00232B

Inverse Universe

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



D74ABB



FF36D7



D7AA4A



6B6069



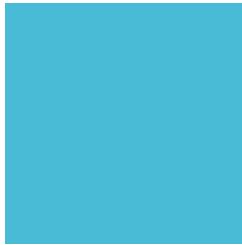
AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 4ABBD7 looks on a white background.

Color Contrast Check

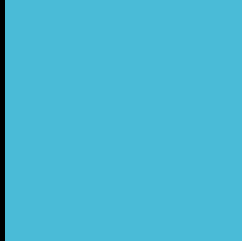
Large Text (above 18pt) WCAG AA × Fail

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 4ABBD7 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 4ABBD7 Background



This preview shows how black text looks on a background with the Hex color 4ABBD7.

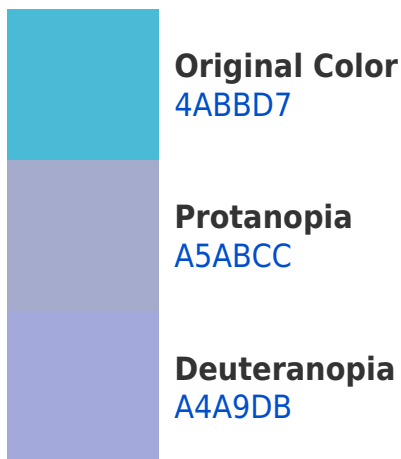


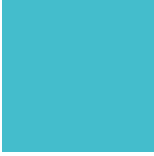
This preview shows how white text looks on a background with the Hex color 4ABBD7.

Color Blindness Simulation

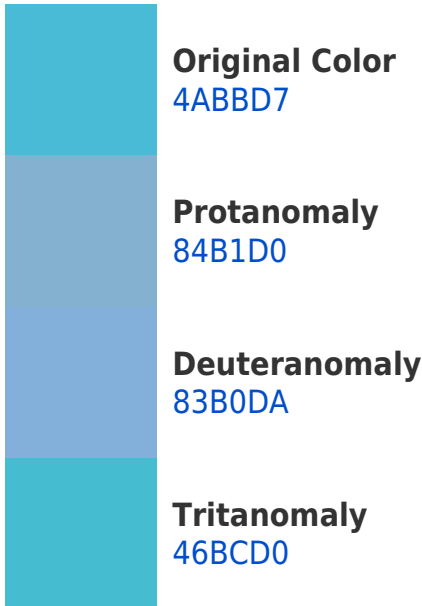
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

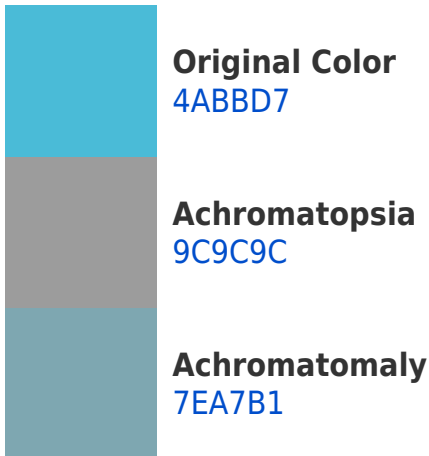




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4ABBD7 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 #4ABBD7 looks like.

```
.text, #text, p{  
    color:#4ABBD7  
}
```

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 #4ABBD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ABBD7  
}
```

Border

The CSS property to change the border of an element to Hex 4ABBD7 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  
#4ABBD7 }
```

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

```
.border{ border-color:#4ABBD7 }
```

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

Here you see how a box with a 4 pixel #4ABBD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ABBD7; -webkit-box-shadow:4px 4px  
4px 4px #4ABBD7; box-shadow:4px 4px 4px  
4px #4ABBD7 }
```

Background

The CSS property to change the background color of an element to Hex 4ABBD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ABBD7 }
```

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

```
.background{ background-color:#4ABBD7 }
```

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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