

Converting Colors

Hex(4BBED5)

Have a look what the booklet for
Hex(4BBED5) contains.

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Color

Hex(4BBED5)

Conversions

Conversions Part 1

Format	Color
Hex	4BBED5
RGB	75, 190, 213
RGB Percent	29%, 75%, 84%
CMY	0.7059, 0.2549, 0.1647
CMYK	0.65, 0.11, 0.00, 0.16
HSL	190°, 62%, 56%
HSV	190°, 65%, 84%
XYZ	33.3253, 43.1269, 69.5187
YIQ	158.2370, -75.9230, -17.2270

Conversions

Conversions Part 2

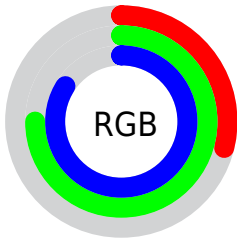
Format	Color
RYB	75, 138, 213
Decimal	4964053
CIELab	71.64, -25.19, -21.11
CIELCh	72, 32.867, 219.967
Yxy	43.1269, 0.2283, 0.2954
Android (android.graphics.Color)	4283154133 (0xFF4BBED5)
YUV	158.2370, 26.9982, -72.9988
Hunter-Lab	65.6710, -24.3429, -16.7940

Details

The Hex color **4BBED5** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **D5624B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **8AF7FF**, and **00889E** is the 20% darker color. If you saturate the color by 10%, you get **36BAD5**, and if you desaturate by 10%, it is **60C2D5**.

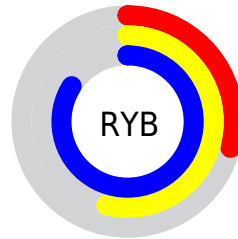
Distribution



Red (29%)

Green (75%)

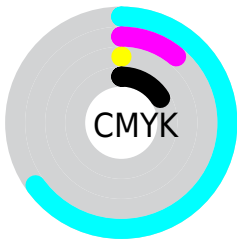
Blue (84%)



Red (29%)

Yellow (54%)

Blue (84%)

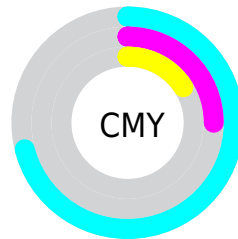


Cyan (65%)

Magenta (11%)

Yellow (0%)

Black (16%)



Cyan (71%)

Magenta (25%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BBED5 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 4BBED5 by changing the saturation by 10% instead.

 4BBED5

 4BBED5

FFFFFF

 23A3B9

 8AF7FF

 00889E

 A8FFFF

 006F84

 C6FFFF

 00566B

 E4FFFF

 003E53

 00283B

 000D26

 00010F

 000000

 4BBED5

 4BBED5

 36BAD5

 60C2D5

 20B7D5

 76C5D5

 0BB3D5

 8BC9D5

 00B1D5

 A0CCD5

 B5D0D5

 CBD3D5

 E0D7D5

 F5DAD5

 FFDED5

Harmonies

Analogous

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



55C0B9



4BBED5



69B8E7

Triad

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



4BBED5



DE9CC5



BAB174

Complementary

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



4BBED5



D5624B

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.



D6A778



4BBED5



EB99A6

Square

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



4BBED5



C0A4DE



E79D8A



99B981

Rectangle

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



4BBED5



87B2EB



E79D8A



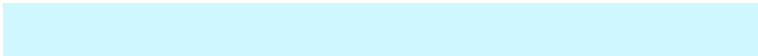
C4AE73

Sweetspot

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



4BBED5



CFF7FF



4BD562



627B80



000000



808080

Same Dimension

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



4BBED5



38DEFF



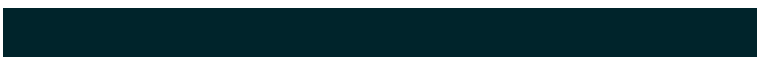
4B79D5



60696B



008EAB



00242B

Inverse Universe

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



D54BBE



FF38DE



D5A74B



6B6069



AB008E



2B0024

Previews

White Background



This preview shows how the Hex color 4BBED5 looks on a white background.

Color Contrast Check

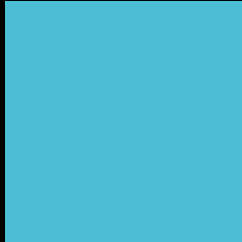
Large Text (above 18pt) WCAG AA × Fail

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 4BBED5 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 4BBED5 Background



This preview shows how black text looks on a background with the Hex color 4BBED5.

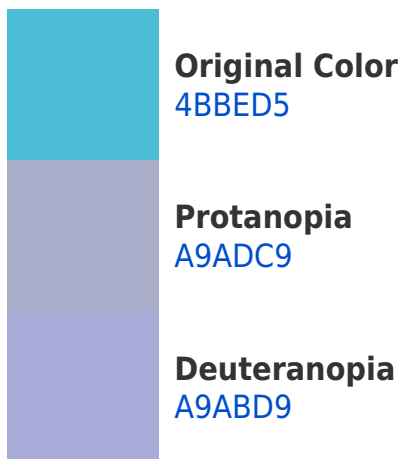


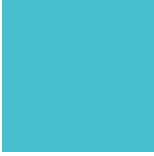
This preview shows how white text looks on a background with the Hex color 4BBED5.

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](#).

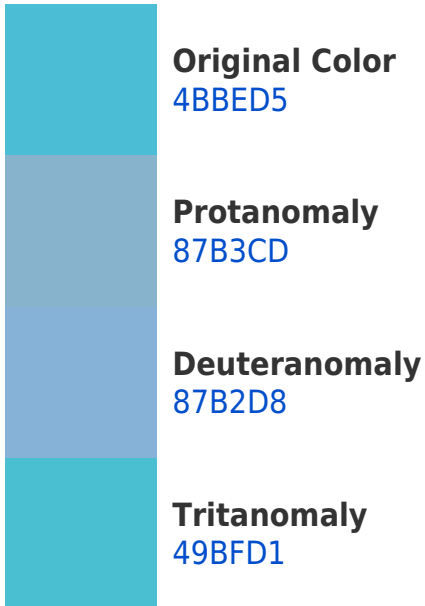
Dichromacy





Tritanopia
48BFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BBED5 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 #4BBED5 looks like.

```
.text, #text, p{  
    color:#4BBED5  
}
```

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 #4BBED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BBED5
}
```

Border

The CSS property to change the border of an element to Hex 4BBED5 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
#4BBED5 }
```

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

```
.border{ border-color:#4BBED5 }
```

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

Here you see how a box with a 4 pixel #4BBED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BBED5; -webkit-box-shadow:4px 4px  
4px 4px #4BBED5; box-shadow:4px 4px 4px  
4px #4BBED5 }
```

Background

The CSS property to change the background color of an element to Hex 4BBED5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BBED5 }
```

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

```
.background{ background-color:#4BBED5 }
```

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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