

Converting Colors

Hex(4BDB89)

Have a look what the booklet for
Hex(4BDB89) contains.

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Color

Hex(4BDB89)

Conversions

Conversions Part 1

Format	Color
Hex	4BDB89
RGB	75, 219, 137
RGB Percent	29%, 86%, 54%
CMY	0.7059, 0.1412, 0.4627
CMYK	0.66, 0.00, 0.37, 0.14
HSL	146°, 67%, 58%
HSV	146°, 66%, 86%
XYZ	32.7485, 53.9650, 32.3572
YIQ	166.5960, -59.5020, -56.0300

Conversions

Conversions Part 2

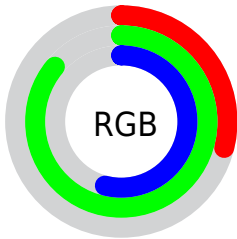
Format	Color
RYB	75, 176, 219
Decimal	4971401
CIELab	78.44, -56.55, 29.37
CIELCh	78, 63.718, 152.557
Yxy	53.9650, 0.2750, 0.4532
Android (android.graphics.Color)	4283161481 (0xFF4BDB89)
YUV	166.5960, -14.5908, -80.3297
Hunter-Lab	73.4609, -48.9821, 25.3073

Details

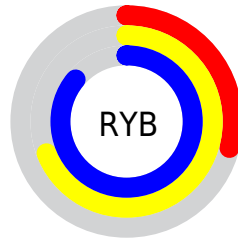
The Hex color **4BDB89** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DB4B9D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **8AFFBF**, and **00A356** is the 20% darker color. If you saturate the color by 10%, you get **35DB7D**, and if you desaturate by 10%, it is **61DB95**.

Distribution



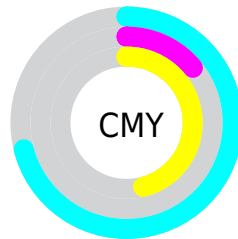
- Red (29%)
- Green (86%)
- Blue (54%)



- Red (29%)
- Yellow (69%)
- Blue (86%)



- Cyan (66%)
- Magenta (0%)
- Yellow (37%)
- Black (14%)



- Cyan (71%)
- Magenta (14%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BDB89 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 4BDB89 by changing the saturation by 10% instead.

 4BDB89

 4BDB89

FFFFFF

 23BF6F

 8AFFBF

 00A356

 A8FFDB

 00883E

 C6FFF8

 006D27

 E5FFFF

 00540F

 003B00

 002400

 000000

 4BDB89

 4BDB89

 35DB7D

 61DB95

 1FDB70

 77DBA2

 09DB64

 8DDBAE

 00DB5E

 A3DBBB

 B8DBC7

 CEDBD4

 E4DBE0

 FADBED

 FFDBF9

Harmonies

Analogous

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



A1D159



4BDB89



00DFC5

Triad

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



4BDB89



50C7FF



FF9686

Complementary

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



4BDB89



DB4B9D

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.



FF8DBF



4BDB89



CBB0FF

Square

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



4BDB89



00D6FF



FF99FA



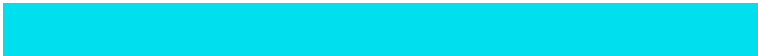
FFAB58

Rectangle

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



4BDB89



00DFEE



FF99FA



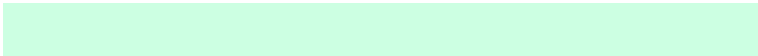
FF9198

Sweetspot

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



4BDB89



CCFFE2



9FDB4B



61806E



000000



808080

Same Dimension

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



4BDB89



36FF8C



4BDBCF



636E67



00AD4B



002E14

Inverse Universe

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



DB4B9D



FF36A8



DB4B57



6E6369



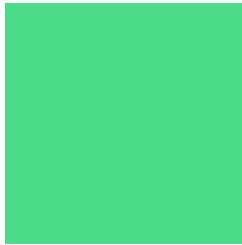
AD0063



2E001A

Previews

White Background



This preview shows how the Hex color 4BDB89 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 4BDB89 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 4BDB89 Background



This preview shows how black text looks on a background with the Hex color 4BDB89.

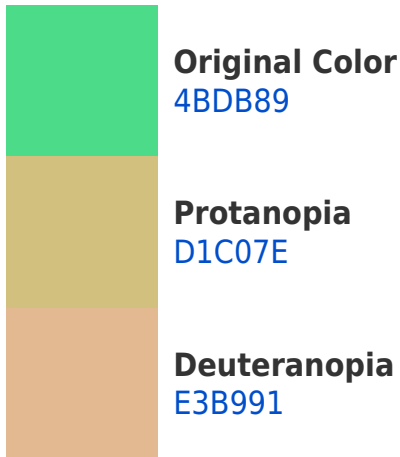


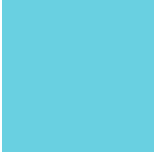
This preview shows how white text looks on a background with the Hex color 4BDB89.

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
69D0E1

Trichromacy



Original Color
4BDB89



Protanomaly
A0CA82



Deuteranomaly
ACC58E

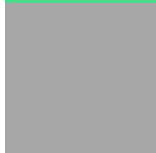


Tritanomaly
5ED4C1

Monochromacy



Original Color
4BDB89



Achromatopsia
A7A7A7



Achromatomaly
86BA9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BDB89 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 #4BDB89 looks like.

```
.text, #text, p{  
    color:#4BDB89  
}
```

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 #4BDB89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BDB89
}
```

Border

The CSS property to change the border of an element to Hex 4BDB89 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
#4BDB89 }
```

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

```
.border{ border-color:#4BDB89 }
```

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

Here you see how a box with a 4 pixel #4BDB89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BDB89; -webkit-box-shadow:4px 4px  
4px 4px #4BDB89; box-shadow:4px 4px 4px  
4px #4BDB89 }
```

Background

The CSS property to change the background color of an element to Hex 4BDB89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BDB89 }
```

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

```
.background{ background-color:#4BDB89 }
```

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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