

Converting Colors

Hex(4BEDA6)

Have a look what the booklet for
Hex(4BEDA6) contains.

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Color

Hex(4BEDA6)

Conversions

Conversions Part 1

Format	Color
Hex	4BEDA6
RGB	75, 237, 166
RGB Percent	29%, 93%, 65%
CMY	0.7059, 0.0706, 0.3490
CMYK	0.68, 0.00, 0.30, 0.07
HSL	154°, 82%, 61%
HSV	154°, 68%, 93%
XYZ	40.0688, 64.8174, 46.4756
YIQ	180.4680, -73.7610, -56.4250

Conversions

Conversions Part 2

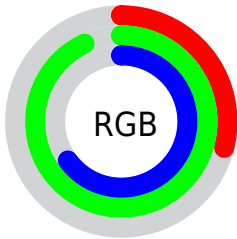
Format	Color
RYB	75, 179, 237
Decimal	4976038
CIELab	84.39, -57.80, 22.50
CIELCh	84, 62.029, 158.732
Yxy	64.8174, 0.2647, 0.4282
Android (android.graphics.Color)	4283166118 (0xFF4BEDA6)
YUV	180.4680, -7.1327, -92.4954
Hunter-Lab	80.5093, -52.0533, 22.1302

Details

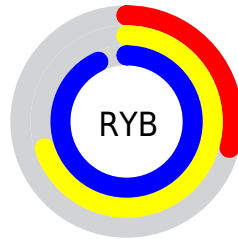
The Hex color **4BEDA6** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **ED4B92**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **8DFD99**, and **00B472** is the 20% darker color. If you saturate the color by 10%, you get **33ED9C**, and if you desaturate by 10%, it is **63EDB0**.

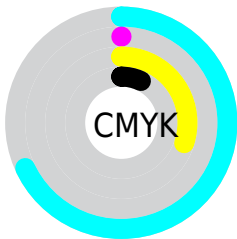
Distribution



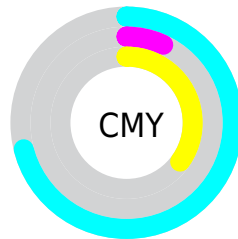
- Red (29%)
- Green (93%)
- Blue (65%)



- Red (29%)
- Yellow (70%)
- Blue (93%)



- Cyan (68%)
- Magenta (0%)
- Yellow (30%)
- Black (7%)



- Cyan (71%)
- Magenta (7%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BEDA6 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 4BEDA6 by changing the saturation by 10% instead.

 4BEDA6

FFFFFF

 8DFFDD

 ACFFFA

 CBFFFF

 EAFFFF

 4BEDA6

 1CD08B

 00B472

 009859

 007D41

 00632A

 004A14

 003300

 001800

 000000

 4BEDA6

 4BEDA6

 33ED9C

 63EDB0

 1CED91

 7AEDBB

 04ED87

 92EDC5

 00ED85

 AAEDD0

 C2EDDA

 D9EDE4

 F1EDEF

 FFEDF9

 FFEDFF

Harmonies

Analogous

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



A5E473



4BEDA6



00F0E2

Triad

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



4BEDA6



8BD3FF



FFAB8C

Complementary

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



4BEDA6



ED4B92

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.



FFA0C4



4BEDA6



EDBCFF

Square

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



4BEDA6



00E4FF



FFA7FE



FFC064

Rectangle

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



4BEDA6



00EFFF



FFA7FE



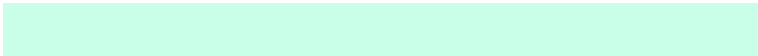
FFA69E

Sweetspot

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



4BEDA6



C9FFE8



94ED4B



608072



000000



808080

Same Dimension

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



4BEDA6



2EFFA3



4BE5ED



6A7570



00B566



00361E

Inverse Universe

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



ED4B92



FF2E8A



ED534B



756A6F



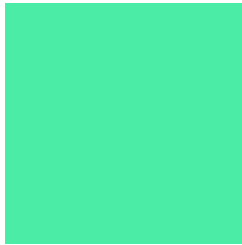
B5004F



360017

Previews

White Background



This preview shows how the Hex color 4BEDA6 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 4BEDA6 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 4BEDA6 Background



This preview shows how black text looks on a background with the Hex color 4BEDA6.

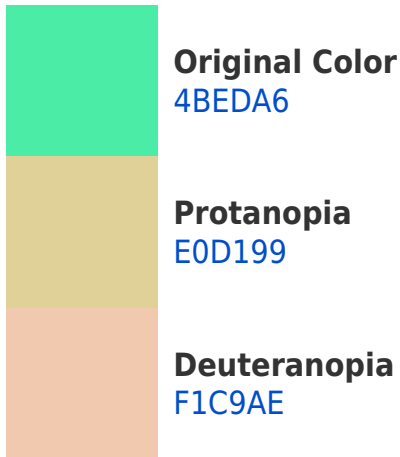


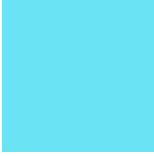
This preview shows how white text looks on a background with the Hex color 4BEDA6.

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
6AE3F5

Trichromacy



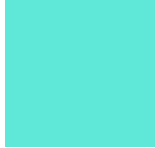
Original Color
4BEDA6



Protanomaly
AADB9E



Deuteranomaly
B5D6AB



Tritanomaly
5FE7D8

Monochromacy



Original Color
4BEDA6



Achromatopsia
B4B4B4



Achromatomaly
8EC9AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BEDA6 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 #4BEDA6 looks like.

```
.text, #text, p{  
    color:#4BEDA6  
}
```

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 #4BEDA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BEDA6
}
```

Border

The CSS property to change the border of an element to Hex 4BEDA6 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
#4BEDA6 }
```

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

```
.border{ border-color:#4BEDA6 }
```

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

Here you see how a box with a 4 pixel #4BEDA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BEDA6; -webkit-box-shadow:4px 4px  
4px 4px #4BEDA6; box-shadow:4px 4px 4px  
4px #4BEDA6 }
```

Background

The CSS property to change the background color of an element to Hex 4BEDA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BEDA6 }
```

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

```
.background{ background-color:#4BEDA6 }
```

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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