

Converting Colors

Hex(43DEBD)

Have a look what the booklet for
Hex(43DEBD) contains.

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Color

Hex(43DEBD)

Conversions

Conversions Part 1

Format	Color
Hex	43DEBD
RGB	67, 222, 189
RGB Percent	26%, 87%, 74%
CMY	0.7373, 0.1294, 0.2588
CMYK	0.70, 0.00, 0.15, 0.13
HSL	167°, 70%, 57%
HSV	167°, 70%, 87%
XYZ	37.6213, 57.1100, 57.1846
YIQ	171.8930, -81.7870, -43.1230

Conversions

Conversions Part 2

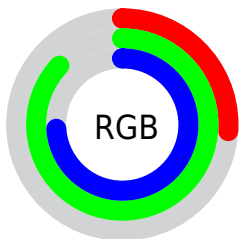
Format	Color
RYB	67, 154, 222
Decimal	4447933
CIELab	80.24, -47.72, 4.57
CIElCh	80, 47.937, 174.529
Yxy	57.1100, 0.2476, 0.3759
Android (android.graphics.Color)	4282638013 (0xFF43DEBD)
YUV	171.8930, 8.4338, -91.9912
Hunter-Lab	75.5711, -43.3874, 8.0351

Details

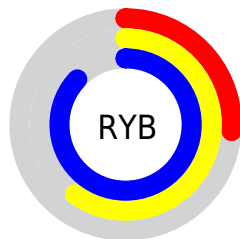
The Hex color **43DEBD** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DE4364**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **86FFF5**, and **00A688** is the 20% darker color. If you saturate the color by 10%, you get **2DDEB8**, and if you desaturate by 10%, it is **59DEC2**.

Distribution



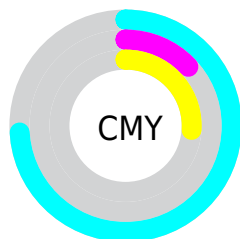
- Red (26%)
- Green (87%)
- Blue (74%)



- Red (26%)
- Yellow (60%)
- Blue (87%)



- Cyan (70%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)



- Cyan (74%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 43DEBD 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 43DEBD by changing the saturation by 10% instead.

 43DEBD

 43DEBD

FFFFFF

 0BC2A2

 86FFF5

 00A688

 A5FFFF

 008B6E

 C4FFFF


 007156

 E2FFFF

 00573F

 003E29

 002915

 000200

 000000

 43DEBD

 43DEBD

 2DDEB8

 59DEC2

 17DEB4

 6FDEC6

 00DEAF

 86DEC3

 9CDED0

 B2DED5

 C8DED9

 DEDEDE

 F5DEE3

 FFDEE8

Harmonies

Analogous

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



89D991



43DEBD



00DEEB

Triad

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



43DEBD



BFBEFF



FFB280

Complementary

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



43DEBD



DE4364

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.



FFA6A4



43DEBD



F7AEFC

Square

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



43DEBD



70CEFF



FFA4D1



EBC26D

Rectangle

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



43DEBD



00DBFF



FFA4D1



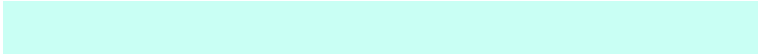
FFAD8A

Sweetspot

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



43DEBD



C9FFF4



65DE43



608079



000000



808080

Same Dimension

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



43DEBD



29FFD1



43B2DE



65706E



00B08A



003026

Inverse Universe

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



DE4364



FF2956



DE6F43



706567



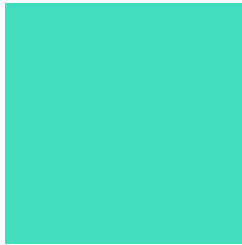
B00025



30000A

Previews

White Background



This preview shows how the Hex color 43DEBD looks on a white background.

Color Contrast Check

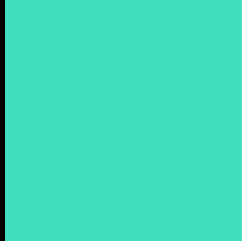
Large Text (above 18pt) WCAG AA × Fail

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 43DEBD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

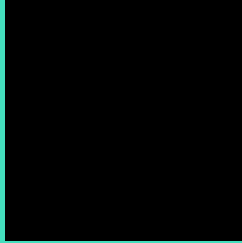
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

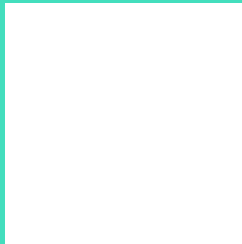
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 43DEBD Background



This preview shows how black text looks on a background with the Hex color 43DEBD.

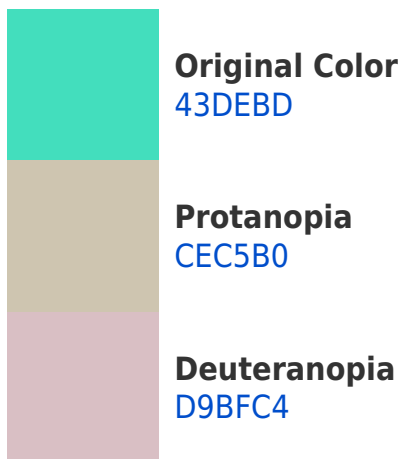


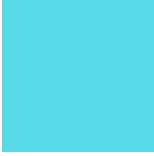
This preview shows how white text looks on a background with the Hex color 43DEBD.

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
58D8E9

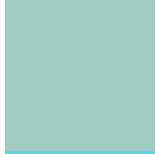
Trichromacy



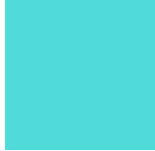
Original Color
43DEBD



Protanomaly
9BCEB5



Deuteranomaly
A2CAC1

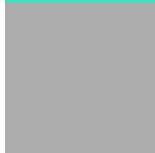


Tritanomaly
50DAD9

Monochromacy



Original Color
43DEBD



Achromatopsia
ACACAC



Achromatomaly
86BEB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 43DEBD 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 #43DEBD looks like.

```
.text, #text, p{  
    color:#43DEBD  
}
```

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 #43DEBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43DEBD  
}
```

Border

The CSS property to change the border of an element to Hex 43DEBD 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  
#43DEBD }
```

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

```
.border{ border-color:#43DEBD }
```

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

Here you see how a box with a 4 pixel #43DEBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43DEBD; -webkit-box-shadow:4px 4px  
4px 4px #43DEBD; box-shadow:4px 4px 4px  
4px #43DEBD }
```

Background

The CSS property to change the background color of an element to Hex 43DEBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43DEBD }
```

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

```
.background{ background-color:#43DEBD }
```

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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